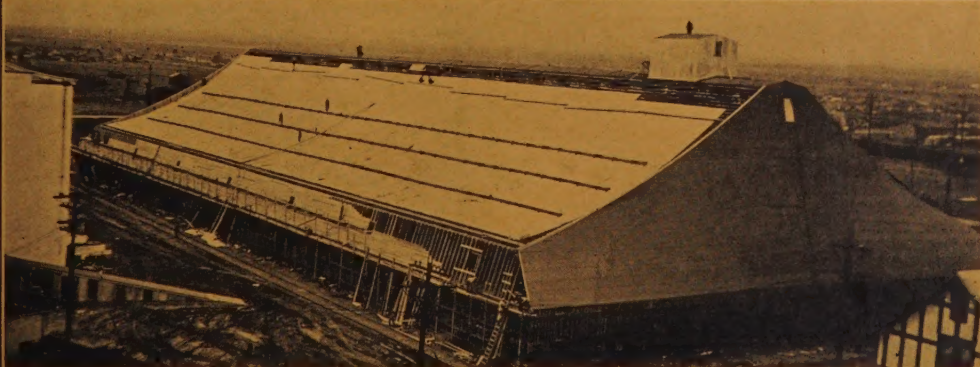
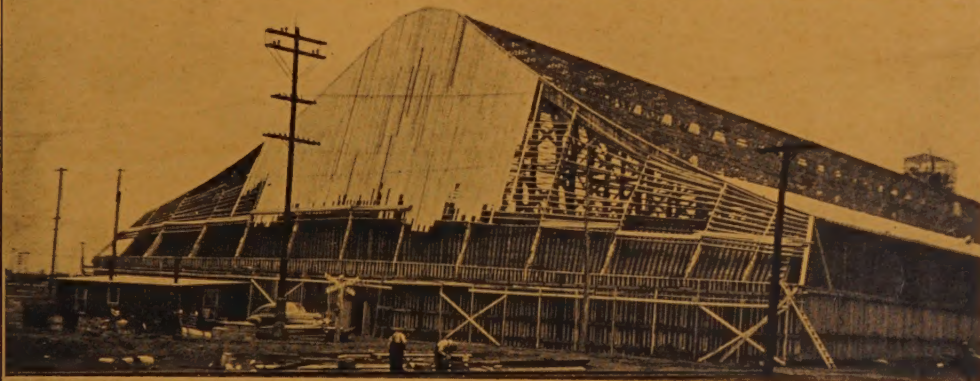
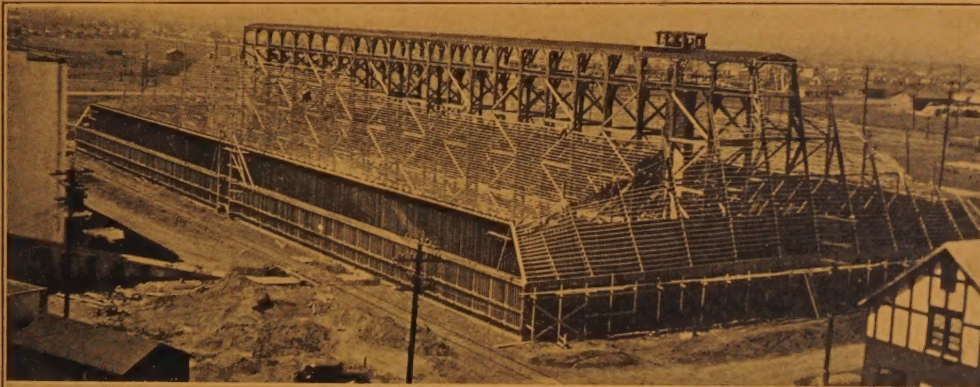


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CONSOLIDATED

A Merger of Grain Dealers Journal, American Elevator & Grain Trade, Grain World and Price Current-Grain Reporter



The N. M. Paterson Co., Ltd., has completed a 2,000,000 bus. storehouse for distress grain adjacent to its 4,000,000 bus. reinforced concrete elevator at Fort William, Ontario. The photographs reproduced herewith show four different stages in the progress of its construction. Description is published on page 112.

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In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

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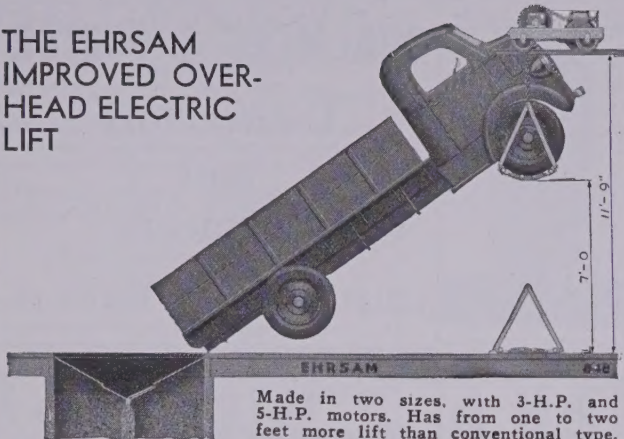
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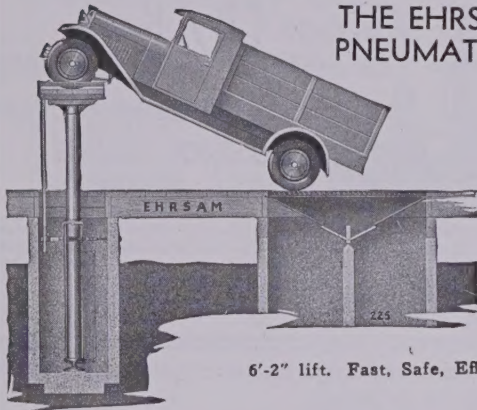
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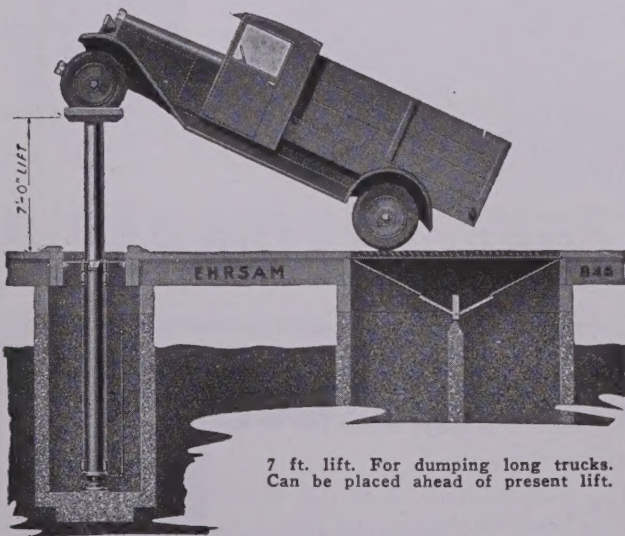
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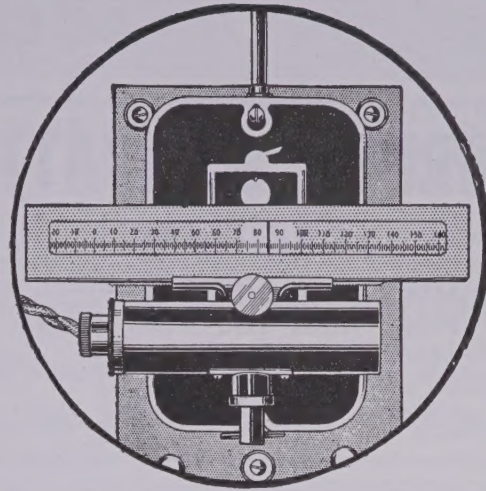


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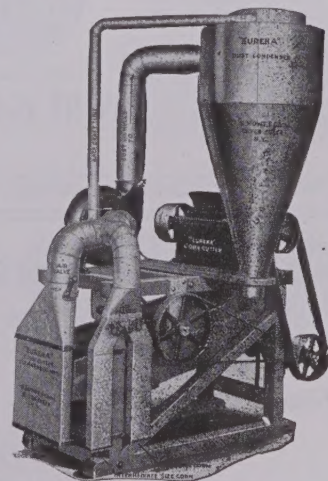
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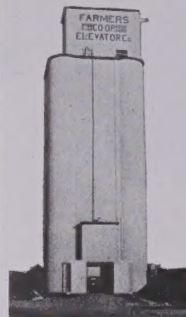
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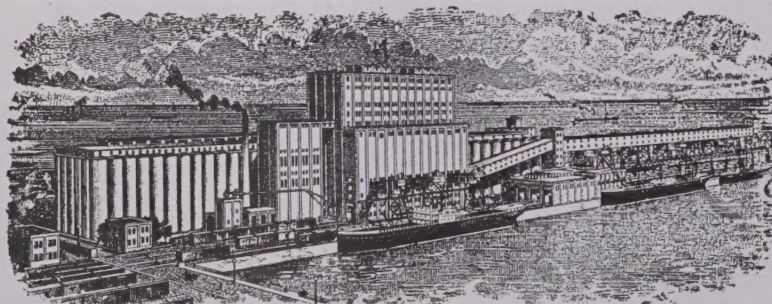
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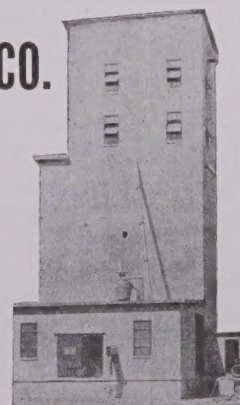
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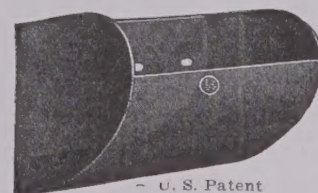
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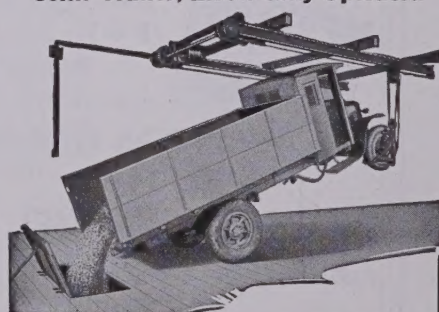
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Grain & Feed Journals

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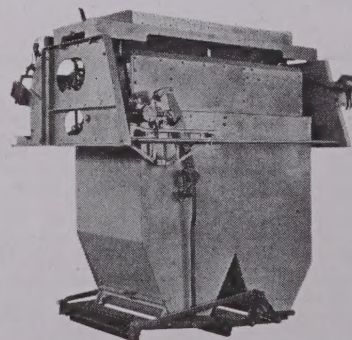
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Established 1898

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Established 1882

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Established 1928

PRICE CURRENT - GRAIN REPORTER
Established 1844

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LETTERS on subjects of interest to those engaged in the grain, feed and field seed trades, news items, reports on crops, grain movements, new grain firms, new grain elevators, contemplated improvements, grain receipts, shipments, and cars leaking grain in transit, are always welcome. Let us hear from you.

QUERIES for grain trade information not found in the Journal are invited. The service is free.

CHICAGO, ILL., AUGUST 13, 1941

ACTION by the Minneapolis Chamber of Commerce to permit trading in 500-bu. lots of flaxseed will be helpful to handlers desiring to have their hedges closely approximate the quantity on hand, especially since the seed is selling around \$2 per bushel.

FUTURE TRADING exchanges have been under heavy expense to maintain the wire and other services involved in handling the speculative trade, and the problem is how to cut this expense when the volume of speculation has shrunk to the point where the revenue does not equal the outlay. In fairness the exclusively cash grain handler should not be asked to support the future trading element. The shippers to the market are quite willing to pay fees that cover inspection, appeal, sampling and weighing; but their receiving representative should not be burdened with excessive annual dues and assessments to maintain exchange departments that he does not use.

WHY did the weekly car loadings of grain drop 9,135 cars from the recent peak, if not because shippers have finally succeeded in filling up the terminals, until no more can be loaded until terminals move out some part of their stocks. The cheerful way to look at it is to consider it as evidence of a profitable "back log" of business back in the country.

CANADA'S Wheat Board was confronted with a much more serious difficulty in handling wheat than was the A.A.A. on this side of the line; yet the close spirit of co-operation between the large and small elevator companies with the Dominion government created more storage capacity as if by magic, a magic totally absent from the penny-pinching policy of the C.C.C.

VIEWED as an endeavor to help the grain exchanges to enforce their own rules, the one-day and 30-day suspensions for individuals found guilty of infractions evidence commendable government co-operation. The penalties are so light, it seems the C. E. A. is not sure of its ground, lest a stiff penalty drive the offender into court to attack the law itself.

SPLASH PROOF MOTORS are not suited for use in the grain elevator or feed mill; in fact, experience has proved them too hazardous to be used in dusty plants. The semi-enclosed design of a splash proof permits dust to be drawn into motor, so that windings soon become dust-caked, and the stage is set for another burn-out. It pays to keep your motors free from dust.

IF a car shortage actually develops, some discrimination should be exercised by the railroads in favor of the regular elevator operator who has grain ready to spout into the car for quick dispatch, and against the would-be scooper whose grain is on the farm miles away from the tracks, so the car will be held up several days while the grain is trucked in. Box cars are built to transport grain; not store it.

PARTNERS in an Ohio elevator enterprise that had operated successfully for many years and served well the farmers of its community recently sold their elevator to a wrecker to be torn down and sold piece by piece to folks who have need for second-hand sheet steel and elevator cribbing. The reason these partners give for abandonment of the enterprise is vicious competition that insists on paying track prices for grain in total disregard of the welfare of neighboring grain dealers, even to the extent of card bidding farmers. The partners are conserving their resources and will be ready to start a new enterprise when Hi-Overbidder, with exhausted capital, abandons the field.

TO OBVIATE the threatened car shortage, shippers are urged to give the railroads advance notice of cars required, not to inflate car orders and not to order cars unless the grain is in sight and room at destination has been provided for it.

BESIDES studying their own business grain merchants now have to study the orders of the C.C.C., the O.P.M. and various other alphabetical agencies of government. In this their hour of need, the grain dealers of the country are receiving splendid service from the National Grain Trade Council and the Grain and Feed Dealers National Ass'n, whose reports should be given the widest trade publicity.

ALCOHOL production for fuel now being studied by a committee of the Canadian Chamber of Commerce as a means of consuming surplus wheat should begin where the Kansas experiment ended in failure after the expenditure of hundreds of thousands of dollars. The raw material may be cheap enough on the farm but it costs too much to assemble and handle; and fuel is required to heat the stills.

THE findings by the special committee of the Chicago Board of Trade published elsewhere under the caption "Exchanges Able to Cope with Market Problems" is an unbiased and temperate statement of fact and judgment that each grain merchant should accept as his own opinion and thus establish a united front in resisting unwise governmental regulation or legislation now threatened.

THE increase in the flaxseed acreage of Western Canada from 567,300 to 940,000 must be regarded as a desirable diversification of land use. Whether the increase is due to an endeavor to reduce wheat acreage or to the exploding of the old fallacy that "flax is hard on the land," the grain buyers handling it must have their bins tight and their cars coopered tightly to prevent the loss of this valuable and slippery seed.

GRAIN is handled on so narrow a margin of profit and the cost of transportation is so large an item that merchandisers should not be forced to gamble on the rate, as they have been doing on the proportional barge re-shipping rate from Chicago east. They did not know that the rate on which their shipments moved and on which freight was long since paid, was not authorized; and that they would later be asked to pay hundreds of thousands of dollars in alleged undercharges. The shippers who honestly relied upon the quoted rates should be given consideration by the Commission as suggested by the dissenting Commissioner, or go into court for relief.

UNIFORMITY in regulations governing registrations of feeds in the several states is more important than seems on the surface. A manufacturer who takes pride in his brands and has worked out formulas giving the best feeding value for the least money finds that a few state chemists want a change in the ingredients not demanded in other states, and if he does not comply he is barred from selling a perfectly good feed in those states.

Discriminatory Financing of Northeastern Feed Trade

One concern having headquarters at Buffalo, N. Y., has been selected by the federal government to be the recipient of moneys advanced by the Commodity Credit Corporation and the Farm Credit Administration at a low rate of interest to enable this concern to supply farmers with feed.

The several months' supply of feed is to be stored on each farm and paid for as used. The loss due to decline in the market between the time the feed goes into storage on the farm and the date it is released will be borne by the government under the agreement.

Operation of the plan by this concern has already been approved by the C.C.C. and the Department of Agriculture. Applications of private concerns to have the government guarantee against price decline will not be approved by the C.C.C. and the U.S.D.A. until shown to be necessary. Another discrimination is that private feed merchants will not be given government funds but must arrange their own financing, and of course at higher rates than the government will charge the favored Buffalo concern.

The Commissars of the C.C.C. would specify the charges to be allowed for processing, handling, etc., which is open to the objection that if a flat charge was allowed it would be too liberal in some localities and not enough to pay costs in other situations.

The plan is unfair to independent merchants and their numerous patrons by denying them advantages given to the favored Buffalo concern and its customers. The bureaucrats who fathered this plan do not appreciate that the local feed dealers for many years have been carrying their farmer customers a long time on credit.

This proposition puts it up to the organized independent feed trade to submit to the authorities a similar plan embracing the independents, and on the same level of cost. If this can not be done retailers of feed everywhere, if the Eastern Federation of Feed Merchants so decide its policy, should wire or write their representatives in Congress explaining the unfairness of the set-up and demand a correction.

Reducing Summer Fire Losses

Every grain elevator operator recognizes that the greatest strain on all moving machinery comes at the time of cleaning out the elevator and moving the new crops to market. Experienced elevator owners always make it a point to clean out their plant and place all machinery in prime condition for handling the new crop in advance of harvest. However, in spite of all precautions, July and August have invariably established an alarming record of costly fires.

It is most encouraging in this year of wild confusion, advancing prices and difficulty in obtaining rebuilding material that July, with its high temperatures, recorded few total elevator fire losses. No doubt preparedness and the alertness of the elevator operators has greatly helped to keep down elevator losses. Foresighted operators who not only took more than usual precautions to prevent fires prepared the way for fewer fires, but by equipping their plants with efficient fire extinguishing facilities assisted alert operators to extinguish the fires which did occur.

The mutual fire insurance companies specializing in grain handling plants and their contents have persistently warned operators against the extra hazards of elevator operation during July and August with most gratifying results, as is indicated by the recent report of the western manager of the Grain Dealers National Mutual Fire Insurance Company, who takes special pride in reporting a record free from total losses during July and the extinguishing of four elevator fires with comparatively light losses as follows:

Dickens, Ia., July 12.—Fire in cupola in connection with the motor. Manager held it in check until fire department arrived, and put it out. Values involved \$25,000.

Seneca, Kans., July 15.—Fire in the elevator cupola; undoubtedly due to electric motor. Fire extinguished after cupola had been burned off. Values involved \$25,000.

Wallace, Nebr., July 19.—Fire in Cupola due to choke-up. Put out by elevator manager with fire fighting equipment he had handy. Values involved \$55,000.

Overbrook, Kans., Aug. 2.—Fire in cupola caused by an open type motor. (An order had been placed for a fully enclosed motor to replace this one, but unfortunately it had not as yet been received.) Fire confined to cupola by excellent work of manager and local fire department. Total values involved \$15,000.

This splendid co-operation on the part of the elevator owners not only helps to keep down fire losses, but also to keep down the cost of fire insurance to all elevator owners so fortunate as to be able to obtain a mutual policy. This shows quite conclusively that elevator owners are beginning to realize that acting on the recommendations of the insurance company fieldmen in correcting known fire hazards and equipping each elevator with efficient fire extinguishing

apparatus is a most profitable and gratifying practice. No progressive grain dealer enjoys a fire in his own property; few can afford it.

Production Outstripping Shipment

The same condition that has been observed to be gradually creeping over the grain industry for the past two years, one of surpluses and no place to store them, now is developing in the war-preparedness program.

The unfinished or finished materials are accumulating because production has been stimulated by loans in the case of grains and defense priorities in the case of war munitions. These munitions are wanted abroad, but ships are lacking; and now large appropriations are to be made to build warehouses.

When the Congress enacted the Agricultural Adjustment Act with its provisions for loans little thought was given to the possibility that surpluses might pile up and still less thought to the disposal of surpluses.

The same lack of foresight is pressing for production of war materials without knowing where they can be used. Priorities that interfere with the supply of materials to builders of grain elevator equipment should be modified to avoid the present delay, for the sound reason that the elevator equipment manufacturers can put the materials into immediate service instead of piling them up in warehouses for merchandise along our Eastern seaboard. What a mess.

No Infringement of Trade-Mark

The Supreme Court of Oklahoma has decided in favor of B. D. and Camil Eddie doing business as the Superior Feed Mills at Oklahoma City, and against the Stillwater Milling Co. of Stillwater, Okla., plaintiffs in a suit to prevent use of the label "Ecco Egg Mash, A. & M. Formula," as an alleged infringement of plaintiff's trade-mark "A. & M. Egg Mash."

Defendants had used their trade-mark for five years without objection, and declared that anyone was free to mix feeds according to the formula of the A. & M. College of Stillwater and to use the colors which are the official insignia of the College.

Plaintiff did not use the formula of the College, but made a better grade of feed, printing on the bags "Feed the A. & M. Way."

Defendant made a feed mixed according to the College formula, labeling the bags "Oklahoma A. & M. College Standard Formula" with the words "Manufactured by Superior Feed Mills, Oklahoma City, Okla., U. S. A." Defendant also made a higher priced feed after its own formula.

Plaintiff alleged defendant was trying to destroy the business of plaintiff by selling an inferior grade under the designation "A. & M." that its reputation has been injured, its business diminished and its profits decreased.

The court said, "Defendant had a right to use the formula and by lettering on the bag to inform prospective buyers that the contents were mixed according to such formula."

The court found that the packages were dissimilar, the lettering and the circle using orange and black color did not constitute unfair competition.—108 Pac. Rep. (2d) 126.

Carrying Charges Now Earned on All Futures

For the first time in many years on ALL grains in ALL markets the distant futures are selling at satisfactory premiums over the cash grain or nearby delivery.

This condition arises from the surplus of spot grain available and the shortage of elevator room.

Warehousemen at terminals and in the country are sitting pretty, to the extent that they have any space available into which to place cash grain and sell a future against it.

Thirty, forty and fifty years ago this was the normal situation, the elevator operators always being assured of a carrying charge, due to speculative buying of the distant futures.

May wheat is 6 cents over September in Chicago, Minneapolis and Winnipeg, 5 cents over in Kansas City.

May corn is 7 cents over September in Chicago.

May oats are 5 cents over September at Chicago, which is very unusual, and is a very satisfactory carrying charge on a grain selling as low as 42 cents per bushel.

Rye has joined the procession, even tho supplies are not heavy, the Chicago May future selling at the extraordinary premium of 8 cents over September.

Shippers Penalized by Barge Rate Decision

The Interstate Commerce Commission on Aug. 11 in I. and S. Docket 4718 ruled in favor of the rail carriers in the matter of proportional rates on barge grain reshipped from Chicago.

As the barge rates are not filed because the lines are not subject to I.C.C., the rail rate portion of the combined charge cannot be a proportional. Further, the unfilled rates make it impossible to police the total charge or to determine whether the rails are violating their pledge to adhere to the fourth section by making the thru rate no less than the proper local rate, re-shipping point to destination.

Both portions of the combined rate must be on file, I.C.C. said, "otherwise, as clearly demonstrated in this proceeding, regulated carriers (railroads) by the simple expedient of publishing lower than local rates and designating them "proportional" will be free to defeat the primary purpose of the Act, which is to cut up by the roots every form of discrimination and inequality."

It is held that the movement is not a true thru movement, but two separate items of transportation: one into Chicago by barge; two, out by rail with no transit provided to form the "fictional" continuous movement.

The six barge lines moving virtually all the grain on the Illinois waterway are not common carriers subject to the Interstate Commerce Commission.

Commissioner Alldredge dissented, stating, "The record is lacking in evidence to justify a finding calling for collection of large sums of money as undercharges. Such a finding is equivalent to an award of damages and should rest on definite and certain evidence."

A very large sum of money is involved in the decision, the movement of 13,000,000 bus. of corn alone over the route being affected.

Rates would be increased by the decision by from 1.5 to 7.5 cents a 100 pounds to the central destinations, and to the East and for export by 8.5 cents a 100 pounds.

From Abroad

Newfoundland has granted duty-free entry of corn and crushed feeds.

Grain ships en route from Algeria to Marseilles will be protected, according to the Vichy government. Algeria is sending 75,000 tons of cereals to France.

Exchanges Able to Cope with Market Problems

A special committee of the Chicago Board of Trade on July 29 made reply to a communication from J. M. Mehl, chief of the Commodity Exchange Administration, of May 14, having meantime discussed with every branch of the trade the problems raised by Mr. Mehl. In its reply the committee, which was composed of W. H. McDonald, chairman, J. E. Skidmore, R. F. Uhlmann, Christopher Strasser, Robert Burrows, Howard Ellis and F. H. Clutton, wrote:

UNWARRANTED SPECULATION.—We cannot overlook the fact that the warehouses of the country are crammed to the bursting point and still more grain is to come. This coincides with the lowest trading activity on record in the Chicago Board of Trade. "Unwarranted" speculation under these circumstances does not seem to be an immediate danger.

And yet the specter of inflation is abroad in the land. It is being constantly referred to by Washington officials. Prices of commodities generally have advanced. We appreciate the need for vigilance in this connection.

Loan Price Not Maximum.—The farmer is placed between two great forces, a ceiling placed on the prices he receives and a rising competitive market on prices of goods which he must buy. Under these circumstances we find it difficult to see any immediate danger of "unwarranted" speculation in the present situation but we visualize a decided danger in placing any further curbs on speculation which will make it increasingly difficult for the farmer to secure a fair price for the products of his toil.

THE PRACTICAL MONOPOLY on corn and wheat which the government has now achieved makes it essential, we believe, that the government move and market this huge quantity of grain thru the established grain trade channels. We are willing and anxious to co-operate with the government in this emergency declared by the President of the United States, but unless the government co-operates with us in some way we believe the marketing machinery will fail thru lack of business. Such regulation, supervision and direction as we can give to trading can only be given if organized markets and organized grain trade continue to exist. Therefore, the first essential of any program is cooperation on the part of the government with the organized grain trade.

DAILY PRICE LIMITATIONS.—In 1925, the members of the Chicago Board of Trade adopted a rule providing that the directors might set limitations on daily price fluctuations. These limitations have been changed as experience indicated. The directors will exercise this method of control in the future. For the present, the limitations in effect appear to be satisfactory.

STRINGENT MARGINS.—There has been and still is a decided feeling in the grain trade that the present margins required of grain traders are in some degree responsible for the dearth of speculation and consequent inability of hedgers to place and remove hedges with a proper degree of speed and economy. We are inclined to believe that at the present time the margin requirements are too stringent. Being aware, however, of the opposing schools of thought, we do not at this time recommend a lowering of the margin requirements but on the other hand we believe an increase thereof would be injudicious and detrimental.

Another method of control is the so-called "length of line" which was adopted by the Commodity Exchange Administration. Again, there is a decided opinion in the grain trade that the present limitation on length of lines is too stringent and has caused, in part at least, the present absence of risk bearers in the market.

We believe this exchange has ample power to cope with any situation which may arise in the direction of speculative price movements, and this body is ready to exercise any and all of the controls above outlined, and such others as may be at its disposal for the purpose of maintaining a market place for the sale of the products of American farms.

We are of the opinion that the present minimum margins combined with usage, custom and experience are ample and sufficient in the main for the purpose of selecting the right kind of customer. They are substantially the same margins as are required by the banks of cash grain merchandisers who have their inventories hedged in the futures market. Margin requirements floating above a minimum base are considered as the best single standard to govern the acceptance of customers' accounts. We make no recommendation of new standards which should govern the acceptance of customers' accounts by commission firms. It is our opinion that the standards now being applied are ample protection for all concerned. Should a situation arise which would require the imposition of new standards, this exchange will not be dilatory.

COMMISSION CHARGES.—Complaints have not been received that commission charges are too high for the services performed. The great shrinkage in number of broker's offices and the startling number of consolidations between commission merchants is an outstanding proof of the fact that the unit cost of handling orders is often more than the returns from commissions justify.

It is our opinion that lower commissions would not increase the volume of business.

THE VOLUME OF HEDGES depends upon the amount of free grain available for merchandising. If grain is held on the farm or in the elevator under loan to the Commodity Credit Corporation, the owner of the grain has no need to protect himself against price decline. The shrinkage in volume of hedging is due not to the rates of commission which are charged but rather to the fact that hundreds of millions of bushels of grain previously carried by merchandisers are now being carried through the aid of federal loans.

THE UNITS OF TRADING in grain futures have been adopted to facilitate trading and to make possible a futures market which can be used satisfactorily by merchandisers and hedgers. There is no unit of future trading that would at all times fit the units of cash grain as handled. If contracts on the futures market were revised to fit car units or truck units or barge units, it would seem there would have to be at least three types of odd-lot contracts. This would multiply confusion and add nothing to efficiency.

Furthermore, we do not believe the country shipper would be favored by such a change. Only a small percentage of country elevators directly hedge their purchases in the futures market. It is true that they use the futures market to price purchases and sales but they have available to them over-night bids for grain to arrive, of which they can take advantage at all times. Immediately after making purchases of truck loads, they hedge thru sales to arrive, but they hedge totals as do the terminal elevator operators instead of individual lots. There has been no demand from the millers or elevators for a change in the size of the futures contract.

A PAUCITY OF SPECULATION MAKES A THIN MARKET which results in wide price fluctuations. That is the condition now prevailing. Experience has shown that the remedy is more active speculation. Therefore

[Concluded on page 105]

The 45th Annual of the National Association

Toledo, Ohio.—Plans are completed here for one of the most important meetings in the history of the Grain and Feed Dealers National Ass'n, and probably for the largest attendance at any grain trade convention in the past ten years. This will be the forty-fifth annual meeting of the National Ass'n, Sept. 15-16. It will mark the close of the second year of administration by Pres. Elmer H. Sexauer of Brookings, S. Dak., commonly held to be one of the strongest leaders the National Ass'n has had. The Ohio Grain, Mill & Feed Dealers Ass'n will meet jointly with the National at Toledo.

The Toledo hosts have prepared a fine entertainment program. The headquarters office of the National Ass'n has one of the most interesting series of speakers in many years, and at least one of the outstanding programs in the convention will be presented under the auspices of the Ohio Ass'n. L. G. Bradstock of Wellington, O., president of the Ohio Ass'n, will preside at this special Ohio program.

Nationally known men have been invited to take part in this program, including the Hon. Hugh A. Butler, United States Senator from Nebraska and former president of the National Ass'n; J. M. Mehl, chief of Commodity Exchange Administration, Washington, D. C.; Philip Raymond O'Brien, president of the Chicago Board of Trade; Austin W. Carpenter, Sherbourne, N. Y., president of the Eastern Federation of Feed Merchants; J. F. Leahy, of Kansas City, president of the Federation of Cash Grain Commission Merchants Ass'ns; the Hon. Grove Patterson, editor of the Toledo Blade and internationally known public leader and speaker; Ralph M. Field, president of the American Feed Manufacturers' Ass'n, Chicago; W. D. Flemming, manager of the Northwest Retail Feed Ass'n; Edgar Warren, chief of the Agricultural section, Wage and Hour Division, Washington, D. C.; L. M. Betts of the Ass'n of American Railroads, Washington, D. C.; F. Peavey Heffelfinger, chairman of the National Grain Trade Council, Minneapolis, Minn.; J. E. Wells, Jr., special assistant to the Sec'y of Agri. and in charge of a committee on warehousing government grain; A. H. Krueger of the Washington, D. C., office of the Millers National Federation.

General Session of the National Convention

Three speakers of outstanding national importance are to be heard on the general session programs at the Toledo convention Sept. 15-16.

President Elmer Sexauer, one of the outstanding presidents in National Association history, will deliver the keynote address at the opening session on Monday morning. Mr. Sexauer has drawn national interest in his discussions of the grain trade problems, and his talk last year was a high-light of the Louisville meeting.

Senator Hugh A. Butler of Nebraska will be featured speaker. Senator Butler is an excellent speaker, and in his first term in the United States Senate has won the praise and confidence of that body. Senator Butler's address will be the more interesting from the fact that he is one of the past-presidents of the Grain and Feed Dealers National Ass'n, and while he is not now in the grain business, his experience will be most valuable in an analysis of national affairs.

Grove Patterson, internationally known

American and editor of the Toledo Blade, is to be the speaker at the banquet this year. Mr. Patterson is rated as one of the best after-dinner speakers in the United States. His experience abroad and in the U. S., his long newspaper work, his participation in many national agencies, will give him the background for one of the high-light addresses of the 1941 convention.

The Grain Exchanges at Toledo Convention

The grain exchanges, through their National Grain Trade Council, have been much concerned over the developing national emergency. The price-making function of the contract markets has been widely endorsed in government circles, but the government loan program has seriously interfered with the grain futures markets.

This subject is to be discussed at the Toledo meeting in a noon luncheon on Monday, Sept. 15, the principal speaker to be Philip Raymond O'Brien, president of the Chicago Board of Trade. Mr. O'Brien has been active in national grain trade circles, and will bring to the grain and feed dealers an experienced and careful analysis of present conditions.

The meeting is to be under the general supervision of F. Peavey Heffelfinger of Minneapolis, chairman of the National Grain Trade Council and 2nd vice-pres. of the National Ass'n. Mr. Heffelfinger, who as chairman of the Council has spent much time in Washington, D. C., this past year, will review the Council's work and results accomplished in the past year. Comment will probably be made at this meeting on the national situation by presidents of other national trade groups. Ralph M. Field, president of the American Feed Manufacturers' Ass'n; R. W. Magill, president of the Millers National Federation; President E. H. Sexauer of the National Ass'n, the president of a leading cotton organization, and others have been asked to attend this meeting and to make brief comment.

This luncheon meeting of the National Grain Trade Council has been one of the best attended meetings of the conventions of recent years, and plans are being made for an especially large crowd this year. The Council may hold its annual meeting in Toledo as part of the convention of the National Ass'n, according to the vote now being taken among Council directors.

Directors Will Meet Sept. 14

Directors of the National Ass'n will hold their annual business meeting and dinner on the evening of Sept. 14. This annual dinner is a time and place where some outstanding official is honored. The first dinner of this sort was held in 1937, at Dallas, Tex., in honor of Charles S. Clark of Chicago, the organizer and early sec'y of the Grain Dealers National Ass'n. The dinner last year was in honor of Henry L. Goemann, former president of the National Ass'n.

This year the dinner is to honor Fred E. Watkins of Cleveland, O., chairman of the executive committee of the National Ass'n for the past fifteen years. Mr. Watkins was elected First vice-president of the National Ass'n in 1919 and again in 1920; he served as president in 1921 and again in 1922, then was a director for two years. He has a record for longer continuous service as an officer than any other man presently among Association officers.

Toledo Preparing to Entertain Convention

Toledo has been working long and earnestly on an entertainment program for the National Convention. For a score of years the offices of the National Ass'n were located in Toledo, so grain and feed men of that city consider this a homecoming convention. It is the first national association convention to be held in that city.

Here are the men who, acting as heads of committees, will assure members of the National Ass'n and the Ohio Ass'n a fine entertainment program: General chairman, Milton H. Faulring; general sec'y, A. E. Schultz; entertainment committee, John Luscombe; banquet committee, S. L. Rice, first vice-president of the National Ass'n; golf committee, D. L. Norby; transportation committee, L. J. Schuster; ladies entertainment committee, Paul Barnes; publicity committee, K. D. Keilholtz; committee on prizes, O. E. M. Keller; music committee, Paul Atkinson, general treasurer for the Toledo host committee is Albert C. Hoffman. The Toledo committee is amply financed and their entertainment plans are now almost completed.

Women who attend the convention and register, will have a luncheon on Monday, the luncheon to be followed by a style show. Then the visiting women will have their choice of either a bridge tournament or a theater party. That evening their registration tickets will admit them to the banquet, floor show and dance.

On Tuesday they will have an afternoon sightseeing trip up the marvelous Maumee river, with stops at some points of historical interest. Returning from the motor trip, they will be guests at the novel get acquainted party, with buffet dinner and entertainment. The sightseeing trip will be in modern buses.

Men will be admitted on their registration tickets to the banquet, floor show and dance, and on Tuesday may either take the sightseeing trip or join in the annual golf tournament. That evening they will take part in the get acquainted party.

The golf tournament is to be held at the Inverness Club, home of two national open tournaments. Prizes for golf competition will be presented by Byron Nelson, twice national open champion. The prize for the Grain and Feed Dealers National Ass'n member who has the best golf score will be the new Toledo Cup, presented by Byron Nelson for the Toledo Board of Trade. The winner of each annual tournament will have his name engraved on the cup and the first member winning it two years in succession will be permanent owner of the fine trophy. Golf prizes will be presented at the buffet dinner and entertainment on Tuesday evening, Sept. 16.

The annual banquet this year has been moved up to Monday night. Train schedules through Toledo made it inadvisable to hold the banquet on the closing night of the convention.

On Tuesday afternoon the get acquainted dinner and entertainment will begin at five o'clock, giving time for those who find it necessary to leave Toledo on Tuesday evening trains.

Oats amounting to 73,580 bus., for delivery at Fort Bragg, N. C., will be purchased Aug. 18 by the Atlanta quartermaster depot. Smaller lots of No. 2 oats will be contracted for delivery at Georgia, Alabama and Louisiana points, the largest being 9,510 bus. for Camp Livingston, La.

The Feed Situation Will Be Discussed

Some entirely new problems have arisen in the past few weeks on the feed situation. A special program for feed dealers and feed mixers has been arranged, with prominent men to lead the discussion at Toledo convention. New developments recently in this field have directly affected the trades in the eastern part of the United States, so it is interesting that one of the leaders in this discussion will be Austin W. Carpenter of Sherburne, N. Y., president of the Eastern Federation of Feed Merchants.

E. C. Dreyer of St. Louis, chairman of the National Ass'n's Feed Trade Relations Committee, will preside at this meeting. The situation in the Northwest will be reviewed by W. D. Flemming, manager of the Northwest Retail Feed Ass'n. Two other men, prominent in the feed trade of the U. S., will take part in this program.

Cash Grain Commission Merchants

Cash grain commission men, with one of the toughest problems to face, will meet in an extended session, Sept. 15-16 at Toledo. It is proposed that the Federation of Cash Grain Commission Merchants' Ass'ns hold their regular meeting, to be followed by a general discussion from any commission men present who want to make comment or ask questions.

The discussion will be opened by J. F. Leahy of Kansas City, Mo., who is chairman of the Federation and who also is vice-chairman of the National Grain Trade Council. Two other commission men, representing the principal commission markets, will be ready to make their comment.

These men have been frequently in Washington in the past year, in conference with government agencies on the commission men's problems. They will be able to bring all commission men up to date on the problem of government competition, on the problem of congestion of storage space, and similar matters.

The Business Session

The annual business meeting of the National Association will be held on Tuesday morning, Sept. 16. Officers will be elected for the coming year. Members present at the meeting will vote for a president, a first vice-president, second vice-president, and thirty directors.

Directors whose terms expire this year will be: F. E. Watkins, Cleveland, O.; A. C. Koch, Breese, Ill.; A. L. Riedel, Saginaw, Mich.; F. W. Lipscomb, Springfield, Mo.; George Stites, Union, Neb.; A. J. Haile, Spokane, Wash.; C. C. Barnes, Winchester, Ind.; Lionel True, Springville, N. Y.; R. C. Booth, Cedar Rapids, Ia.; F. A. Derby, Topeka, Kan.; C. F. Morriss, Charlotte, N. C.; B. J. O'Dowd, Kansas City, Mo.; John McCaull, Minneapolis, Minn.; Rees Dickson, Louisville, Ky.; F. J. Faber, Philadelphia, Pa.; E. C. Dreyer, St. Louis, Mo.; A. F. Hopkins, Boston, Mass.; W. B. Fox, New Orleans, La.; R. F. Houlton, Denver, Colo.; B. O. Holmquist, Omaha, Neb.; Austin Sturtevant, Chicago, Ill.; H. H. Green, Pattonsburg, Mo.; F. E. Devendorf, Los Angeles, Calif.; G. E. Blewett, Ft. Worth, Tex.; Hugh Hale, Royal, Ia.; E. B. Evans, Decatur, Ill.; G. A. Pritchard, Fortville, Ind.; E. R. Martin, Norfolk, Va.; Paul Whitman, New York, N. Y.; J. C. Mullaney, Sioux City, Ia.

In the past month, Toledo has obtained airline service, so that members who wish

to fly to the convention can make plans in advance. Railroad service is excellent from all directions.

The Registration Fee

The registration fee at the convention this year will be \$3.50, the same as in the past few years. The registration fee entitles the holder to all entertainment events. Tickets will be available separately for the entertainment events, but the price of single tickets will make it economical to buy the full registration ticket. Of this registration fee, \$3.00 goes to the host committee to help pay expenses of the entertainment, the remainder going to the National Ass'n for expenses so that convention expenses will not have to come from dues.

Convention Headquarters

Headquarters for the convention, for both the National Ass'n and the Ohio Ass'n, will be the Commodore Perry Hotel in Toledo. Other excellent hostels are very near the Commodore Perry Hotel so suitable accommodations will be available for a large crowd.

Because the crowd will undoubtedly be too large for the headquarters hotel to handle alone, it is urged that members make their reservations early if they want rooms in this hotel. There will be an unusually heavy Ohio registration this year because the Ohio association is meeting jointly with the National Ass'n.

At the same time there will be another big crowd from Indiana. At Louisville last year, the Indiana members gathered before the opening meeting and walked into the meeting in a body.

Warehousemen Will Discuss Common Problems

Warehousemen, country and terminal, have had a tough problem this year from the abnormal demand for space growing out of the government's surplus program. There will undoubtedly be new questions arising as the spring wheat crop is harvested, so that the whole problem of warehousing can be surveyed for 1941, and comment made on the possible situation in 1942.

J. E. Wells, Jr., special assistant to the Secretary of Agriculture and head of a government committee working on the storage problem, will be among the group of men to join in the comment at this meeting.

L. M. Betts of the American Association of Railways and who has been devoting his time almost exclusively to this warehouse situation, also will be on this group program on warehousing.

Representatives of terminal, sub-terminal and country elevator interests also will be in the group leading this warehouse discussion.

Group Meetings of National Convention

Special group meetings will be held at Toledo, Sept. 15-16 to emphasize the discussion of the various grain and feed problems which are immediately pressing. One of these outstanding problems will be that of the Wage and Hour Act. Edgar Warren, a responsible official of the Washington office of the Labor Dept., will be in Toledo to take the leading part in this discussion.

A. H. Krueger of the Washington office of the Millers National Federation, will be in this group meeting to answer questions about the application of the Act upon processors. Two other men who have made a deep study of this Act will be in the meet-

ing to answer questions about application of the Act in warehouses and feed stores.

All through the national convention, emphasis will be placed upon discussions, rather than upon speeches. Leaders will briefly outline the problem and other men, expert in that subject, will discuss various angles of the question, but there will be few set speeches. Members of the audience will be encouraged to ask questions from the floor, and to contribute their comment and opinion.

Conference of Ass'n Secretaries

With twenty-four state and regional associations affiliated with the Grain and Feed Dealers National Ass'n, the annual meeting of association secretaries is one of the most interesting conferences of the year. These secretaries will meet on Sept. 14 for an all-day and off-the-record conference. They are permitted to invite elected officers of their associations to attend the conferences with them. Prominent men of government and trade are invited to attend these sessions and discuss common problems with these secretaries. Capt. L. C. Webster, secretary of the Northwest Country Elevator Ass'n, Minneapolis, is chairman of the association secretaries' group.

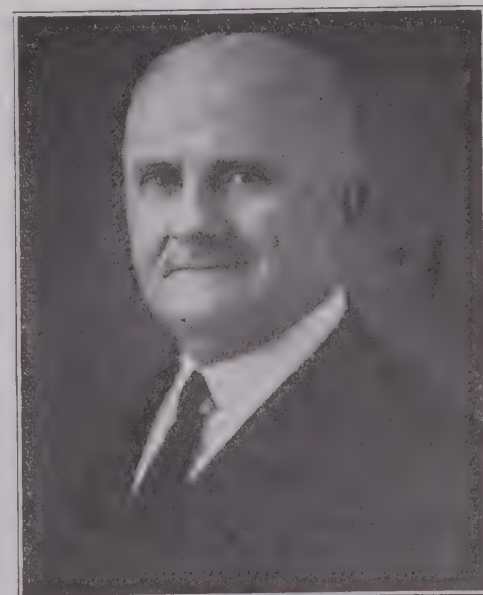
Other grain trade groups frequently meet during the sessions of the National Ass'n. It is expected that the Chief Grain Inspectors National Ass'n, and the Weighmasters National Ass'n will meet in Toledo this year, as they usually hold their meetings at the time and place of the National Association convention. The directors of the National Grain Trade Council now are considering a proposal that they hold their fall meeting in Toledo as part of the National Ass'n program. There seems a probability that the Federation of Cash Grain Commission Merchants' Ass'n also will hold an official meeting in Toledo.

Crop Statistician Passes

Bernard W. Snow died Aug. 2, aged 77, after several months' illness.

He was at one time editor of the Orange Judd Farmer, and in 1881 was employed as a statistician at Washington in the Dept. of Agriculture, leaving in 1892 to become statistician for Swift & Co., later with Bartlett-Frazier and Fuller, Rodney & Redmond.

He was alderman of the 7th ward, Chicago, 1903 to 1912; and chief bailiff of the municipal court 1922 to 1928.



B. W. Snow, Chicago, Ill., Deceased

Asked—Answered

[Readers desiring trade information should send query for free publication here. The experience of brother dealers is most helpful. Replies to queries are solicited.]

Dedicated Patent?

Grain & Feed Journals: We note in the issue of July 9 under "Patents Granted," a grain drier patented by Wm. V. Hukill, Arlington, Va., dedicating to the free use of the people of the United States. What is the significance of this?—Wm. Gower & Son, Williamsport, Md.

Ans.: An employer is entitled to all rights of an invention worked out on the employer's time; and inventor Hukill evidently is a government employee who can retain no rights to his invention. Hence the dedication to the free use of the people.

Penalty on Toll Wheat?

Grain & Feed Journals: How is the 49c per bushel penalty adjusted on wheat delivered to a miller who takes toll?—A. R. McClellan.

Ans.: Wheat taken by the miller in exchange for mill products made from the same lot of wheat is subject to the penalty when the grower has no white card. The miller is not expected to collect the penalty on the remainder of the grain, as it has not been bought by the miller, but is returned to the grower.

When the wheat delivered by the grower is not ground for him; and he receives in payment by exchange mill products made from wheat other than he delivered, it is a purchase, and the penalty applies to all the wheat delivered.

Sharp Rise in Rye Prices

The price of rye has been advancing so fast in all United States markets that it has outstripped rising wheat prices.

On July 21 December rye at Chicago closed at 60 cents, and on Aug. 4 it made a high of 74½¢, wheat in the same time advancing from \$1.05½ to \$1.10¾, only 5 cents, against over 14 cents for rye.

Altho the biggest crop in central Europe, now engaged in war, rye is never a large crop in the United States, compared with wheat or corn.

Distillers, who are very choosy about the quality of their raw material, and like to see the sample, are now said to be buying the futures, expecting a better grade on delivery than hitherto, on account of the change in the grading rules, the new September contract selling 2½ to 4c over the old September.

Millers have been buying more rye against sales of flour to consumers who are stocking up against inflation.

The rye crop of 1941 is forecast by the gov-

ernment at 48,579,000 bus., which, altho 20 per cent larger than in 1940, is small compared with the record crop of 100,986,000 bus. in 1922.

The open interest in rye futures on the Chicago Board of Trade has increased slightly, from 11,475,000 May 10 to 15,185,000 bus. Aug. 7.

The visible supply Aug. 2 was 10,852,000 bus.

Paying Duty on Rye

Canadian rye in elevators at Chicago and Buffalo has been made available for domestic consumption by the recent payment of the duty of 12 cents per bushel.

While this is going on the United States government is lending farmers 50 cents per bushel in Michigan, Minnesota, Nebraska, the Dakotas and Wisconsin, 36.6c to 50c in Montana, and 43.6c to 50c in Wyoming, on rye grading No. 2 or better. No. 3 rye will be accepted if graded down solely on test weight.

Thus by lending money the government is inviting imports and increasing the burden it must carry. To offset this trend it is likely the government will set an import quota on rye from Canada the same as on wheat and flour.

Colorado Millers and Feed Dealers Meet

The Western Colorado Millers and Feed Dealers Ass'n held a meeting recently at Glenwood Springs, Colo., at which a dinner dance and midnight swim were features.

During the morning session the A.A.A. program was explained by Wm. Dodd, Delta County chairman.

The application of the Sherman Anti-Trust Act was explained by Jes. McI. Henderson, first assistant to the attorney-general of the United States.

Officers are Louis Berthod, pres.; A. J. Obert, vice pres.; Lloyd Case of Montrose, sec'y; directors R. H. Sloan, Durango; W. W. Campbell, Grand Junction; H. E. Lague, Monte Vista, and Wm. Wark, Cortez.

The Farm Security Administration announced July 29 that it would expand its grain storage loan program.

Open Interest in Future Deliveries

As reported by C.F.A. the open interest in all futures on the Chicago Board of Trade recently has been as follows, in 1,000 bus.†

| | Wheat | Corn | Oats | Rye | Soybeans |
|----------------|--------|--------|--------|--------|----------|
| Dec. 21 | 50,179 | 22,509 | 9,858 | 12,550 | 6,859 |
| Dec. 28 | 50,621 | 22,695 | 9,649 | 12,297 | 6,971 |
| Jan. 4 | 49,476 | 22,493 | 9,200 | 12,743 | 6,842 |
| Jan. 11 | 48,528 | 22,639 | 9,075 | 12,761 | 7,374 |
| Jan. 18 | 47,827 | 23,795 | 9,210 | 12,779 | 7,995 |
| Jan. 25 | 48,445 | 23,364 | 9,187 | 13,534 | 8,757 |
| Feb. 1 | 48,756 | 23,387 | 8,954 | 13,535 | 8,807 |
| Feb. 8 | 49,308 | 23,384 | 8,705 | 13,451 | 9,269 |
| Feb. 15 | 48,712 | 23,170 | 8,490 | 13,436 | 9,370 |
| Feb. 21 | 47,286 | 23,623 | 8,350 | 13,516 | 9,561 |
| Mar. 1 | 45,489 | 24,310 | 8,452 | 13,456 | 9,557 |
| Mar. 8 | 43,552 | 23,906 | 8,491 | 13,411 | 9,593 |
| Mar. 15 | 43,945 | 23,360 | 8,598 | 13,403 | 9,745 |
| Mar. 22 | 44,654 | 23,694 | 9,935 | 13,315 | 9,973 |
| Mar. 29 | 42,797 | 23,473 | 8,976 | 13,359 | 9,794 |
| Apr. 5 | 44,649 | 24,495 | 8,990 | 13,525 | 10,653 |
| Apr. 12 | 41,606 | 24,079 | 8,784 | 14,025 | 11,341 |
| Apr. 19 | 44,092 | 22,845 | 8,693 | 13,970 | 12,445 |
| Apr. 26 | 44,522 | 21,530 | 8,365 | 14,315 | 12,710 |
| May 3 | 46,532 | 21,506 | 8,320 | 12,241 | 10,627 |
| May 10 | 47,178 | 21,727 | 8,261 | 11,475 | 10,860 |
| May 17 | 43,064 | 21,823 | 7,683 | 11,807 | 11,057 |
| May 24 | 41,092 | 20,836 | 6,984 | 12,143 | 10,272 |
| May 31 | 42,017 | 21,065 | 7,188 | 12,244 | 10,725 |
| June 7 | 38,124 | 20,267 | 7,683 | 12,083 | 10,935 |
| June 14 | 38,041 | 20,430 | 7,879 | 12,110 | 11,101 |
| June 21 | 39,568 | 20,202 | 7,870 | 12,200 | 11,862 |
| June 28 | 40,794 | 19,947 | 7,525 | 12,078 | 12,194 |
| July 5 | 40,083 | 20,915 | 7,717 | 12,287 | 12,565 |
| July 12 | 43,010 | 19,375 | 7,550 | 12,186 | 11,924 |
| July 19 | 45,256 | 20,615 | 8,502 | 12,026 | 11,278 |
| July 26 | 49,885 | 20,479 | 9,416 | 12,208 | 11,465 |
| Aug. 2 | 51,292 | 21,393 | 11,151 | 12,315 | 11,571 |
| Aug. 9 | 50,005 | 22,147 | 13,284 | 13,597 | 11,239 |
| †All time low. | 50,005 | 25,017 | 14,639 | 15,455 | 10,780 |

Coming Conventions

Trade conventions are always worth while, as they afford live, progressive grain dealers a chance to meet other merchants from the same occupation. You can not afford to pass up these opportunities to cultivate friendly relations and profit by the experience and study of others.

Sept. 5. Mineral Feed Mfrs. Ass'n, Olympia Fields Country Club, Chicago, Ill.

Sept. 15, 16. Grain & Feed Dealers' National Ass'n, Toledo, O.

Oct. 30-31. Ass'n of American Feed Control Officials, New Willard Hotel, Washington, D. C.

Dec. 9, 10, 11. Western Grain & Feed Ass'n, Hotel Fort Des Moines, Des Moines, Ia.

Jan. 21, 22, 23. Farmers Grain Dealers Ass'n of Iowa, Fort Des Moines Hotel, Des Moines, Ia.

Feb. 17, 18, 19. The Farmers' Elevator Ass'n of Minnesota, Hotel Radisson, Minneapolis, Minn.

April 2, 3, 4. Society of Grain Elevator Superintendents, Omaha, Neb.

Daily Closing Prices

The daily closing prices for wheat, corn, oats, rye, barley and soybeans for December delivery at the following markets for the past three weeks have been as follows:

| | Option | | July 23 | July 24 | July 25 | July 26 | July 28 | July 29 | July 30 | July 31 | Wheat | | | | | | | | | | | |
|-----------------|--------|------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|--|--|
| | High | Low | | | | | | | | | Aug. 1 | Aug. 2 | Aug. 4 | Aug. 5 | Aug. 6 | Aug. 7 | Aug. 8 | Aug. 9 | Aug. 11 | Aug. 12 | | |
| Chicago | 116½ | 96½ | 106½ | 107½ | 107½ | 109½ | 108½ | 108½ | 108½ | 108½ | 108½ | 111¼ | 114¾ | 114¾ | 115½ | 115½ | 115½ | 115½ | 114 | 113¾ | | |
| Winnipeg | 80½ | 75¾ | 78¾ | 78¾ | 78 | 77¾ | 77¾ | 76¾ | 76¾ | 75¾ | 75½ | 76½ | 76½ | 76½ | 76¾ | 77¼ | 77¾ | 77 | 76¾ | 76¾ | | |
| Minneapolis | 111½ | 98½ | 102½ | 103½ | 103½ | 104 | 102½ | 104½ | 103¾ | 103½ | 103½ | 106¼ | 109¾ | 109¾ | 110¾ | 110¾ | 111½ | 110 | 108¾ | 108¾ | | |
| Kansas City | 109¾ | 88½ | 100½ | 100½ | 100¾ | 101½ | 100½ | 101½ | 101½ | 100½ | 100½ | 103¾ | 107½ | 107½ | 108½ | 108½ | 108 | 107 | 106¾ | 106¾ | | |
| Duluth, durum | 102½ | 93¼ | 94½ | 96 | 96½ | 96¾ | 96 | 97 | 97 | 96¾ | 97¼ | 99¾ | 101¾ | 101 | 102½ | 102½ | 102½ | 102½ | 102½ | 101½ | | |
| Milwaukee | 116¾ | 96½ | 106½ | 108 | 107¾ | 109½ | 108½ | 108½ | 108½ | 108½ | 108½ | 111¾ | 114¾ | 114¾ | 115½ | 115½ | 115½ | 115½ | 114½ | 114½ | | |
| Corn | | | | | | | | | | | | | | | | | | | | | | |
| Chicago | 82¾ | 73½ | 77¾ | 78 | 78 | 78½ | 78¾ | 78½ | 77¾ | 77½ | 78¾ | 79¾ | 80¾ | 79¾ | 80½ | 81¼ | 81¾ | 82¼ | 81¾ | 80¾ | | |
| Kansas City* | .... | 74½ | 68¾ | 68¾ | 68¾ | 68¾ | 68¾ | 68¾ | 68¾ | 68¾ | 69 | 69 | 69½ | 69½ | 69½ | 70¼ | 70¼ | 70¼ | 70¼ | 70¼ | | |
| Milwaukee | 82¼ | 74½ | 77¾ | 78 | 78 | 78¾ | 78½ | 78¾ | 77¾ | 77½ | 78¾ | 79¾ | 80 | 79¾ | 80½ | 81¼ | 82 | 82¼ | 81¾ | 80¾ | | |
| Oats | | | | | | | | | | | | | | | | | | | | | | |
| Chicago | 45¾ | 36¼ | 38¾ | 39¼ | 39½ | 40 | 40¾ | 40¾ | 40¾ | 39¾ | 40 | 41¾ | 43¾ | 43 | 44¼ | 44¼ | 44¾ | 44¼ | 43¾ | 43¾ | | |
| Winnipeg | 39¾ | 33 | 34¾ | 34¾ | 34¾ | 35¼ | 35¼ | 35¾ | 36 | 35¾ | 35¾ | 36 | 37 | 37 | 37¾ | 38¾ | 39½ | 39½ | 39½ | 39½ | | |
| Minneapolis | 41¾ | 33¼ | 34¾ | 35¾ | 35¾ | 37 | 36¼ | 36¾ | 36¾ | 36 | 36¾ | 37¾ | 39¾ | 39¾ | 40¾ | 40¾ | 40¾ | 39¾ | 39¾ | 39¾ | | |
| Milwaukee | 45¾ | 36¼ | 38¾ | 39¼ | 39¾ | 40¾ | 40 | 40¾ | 40¾ | 39¾ | 40 | 41¾ | 43¾ | 43 | 44¼ | 44¾ | 44¾ | 44¼ | 43¾ | 43¾ | | |
| Rye | | | | | | | | | | | | | | | | | | | | | | |
| Chicago | 74¾ | 56¾ | 60¾ | 61¾ | 62½ | 66¾ | 67½ | 69¾ | 67¾ | 67¾ | 68 | 72¾ | 74¼ | 72¾ | 72¾ | 73¾ | 73¾ | 73¾ | 71¾ | 70¼ | | |
| Minneapolis | 68½ | 53½ | 54¾ | 55½ | 57¼ | 60¾ | 60¾ | 63 | 62½ | 62½ | 62 | 66¼ | 67½ | 66¼ | 66¾ | 66¾ | 66¾ | 66¾ | 64¾ | 63½ | | |
| Winnipeg | 58 | 53¼ | 55¼ | 55½ | 55 | 55½ | 56 | 57¼ | 56½ | 54¾ | 54½ | 55½ | 56½ | 56½ | 57½ | 57½ | 58 | 56¾ | 55½ | 55½ | | |
| Duluth* | 64¾ | 52½ | .... | 52½ | 54½ | 57¾ | 57¾ | 59¾ | 58¾ | 59 | 59 | 63¼ | 64¾ | 63¼ | 63½ | 63½ | 64 | 63¾ | 61½ | 60¼ | | |
| Barley | | | | | | | | | | | | | | | | | | | | | | |
| Minneapolis* | 47 | .... | 40 | 40¼ | 40½ | 41 | 41¾ | 41¾ | 41¾ | 41¾ | 40¾ | 43½ | 45 | 44¾ | 44¾ | 45 | 46½ | 46½ | 44 | 44 | | |
| Winnipeg | 50¾ | 44 | 46½ | 47 | 47 | 47 | 47¾ | 48 | 47¾ | 46¾ | 46¾ | 47¾ | .... | 48¾ | 49½ | 49½ | 50½ | 50½ | 49 | 48¾ | | |
| Soybeans | | | | | | | | | | | | | | | | | | | | | | |
| Chicago | 150¼ | 121¼ | 137½ | 139 | 139¾ | 141¾ | 141½ | 140¾ | 139½ | 139¾ | 140 | 142¾ | 143¾ | 142¾ | 143¾ | 146 | 147¾ | 147¾ | 145¾ | 144 | | |
| Canada exchange | .... | .... | 88¾ | 88¾ | 88¾ | 88¾ | 88¾ | 88½ | 88¾ | 88¾ | 88½ | 88½ | 88¾ | 89 | 89 | 89 | 89 | 89 | 89 | .... |  |  |
| *September | | | | | | | | | | | | | | | | | | | | | | |

Letters from the Trade

[The grain dealers' forum for the discussion of grain trade problems, practices and needed reforms or improvements. Dealers having anything to say of interest to members of the grain trade are urged to send it to the Journals for publication.]

Marketing Conditions Most Confusing

Grain & Feed Journals: Marketing conditions are extraordinary, and farmers who previously warned are finding it difficult to adjust themselves to the congested conditions of terminal markets. Farm storage has been increased generally 25%, farmers utilizing every available nook for their unmarketable grain.

The country elevators have made extensive temporary additions to their storage, but in spite of all efforts and the fact that sacking will be more general than for many seasons past, a substantial amount of grain will have to be stored temporarily on the ground. State and local authorities, railroads, grain merchants, and terminal operators have cooperated to the fullest extent to minimize the abnormal situation.

Undoubtedly the high price of meat will encourage larger feeding operations. The Northwest finds itself in the situation of being too richly blessed with an unusually good crop in prospect and facilities already clogged with a previous crop which has not yet moved into consumption channels.—Van Dusen-Harrington Co., by Paul C. Rutherford, Minneapolis.

Splash-Proof Motors Not for Dusty Locations

Grain & Feed Journals: On page 33 of July 9 number is a description of a new motor for grain dealers stating this new "spatter-proof" semi-inclosed construction was primarily designed for hammer mill use. Nothing could be further from the truth.

However, the electrical code used by mill and elevator fire insurance companies definitely does not accept this type of motor for hammer mill drive. On page 59 under section f, motors, we read:

"f. Semi-inclosed or splash-proof motors shall be used only in locations isolated from dust." Any location anywhere within 50 ft. of a hammer mill could not be considered isolated from dust.

The National Electrical Code covers the same items under chapter 5, article 50, hazardous locations, page 190 of the 1940 edition. It is too

lengthy to quote; but it requires that all equipment located in grain dust or feed dust locations shall be of the dust-tight type carrying the Class II, Group G, Underwriters Laboratory Label. This is totally inclosed and not semi-inclosed equipment.

All elevator and feed mill operators should be warned that it is best to consult their inspector or insurance carrier before buying or installing new electrical equipment.—H. H. Hawlick, inspector, Millers National Insurance Co.

Decrease in Futures Trading

Futures trading in grains on the Chicago Board of Trade aggregated 517,639,000 bus. in July, a decrease of 14 per cent compared with June, according to the Dept. of Agri.'s monthly statement by the Commodity Exchange Administration. The volume in July this year, however, was 4 per cent higher than in July, 1940. Soybeans were not included in the July, 1940, figure.

Of the total trading last month, wheat accounted for 340,540,000 bus., a decrease of 14 per cent compared with June; corn 36,939,000 bus., a decrease of 29 per cent; oats, 26,652,000 bus., an increase of 52 per cent; rye 23,706,000 bus., an increase of 44 per cent; and soybeans, 89,802,000 bus., a decrease of 24 per cent.

The aggregate contracts open in wheat futures on July 31 were 52,114,000 bus., an increase of 31% during the month. In corn open contracts were 21,484,000 bus., an increase of 4%; in oats, 12,402,000 bus., an increase of 59%; in rye, 13,161,000 bus., an increase of 7%; and in soybeans, 11,381,000 bus., a decrease of 10%.

Exchanges Able to Cope with Market Problems

(Continued from page 101)

we take exception to your observation that problem No. 1 for the commodity exchanges is "to keep them functioning to serve the hedging and price-basis needs of dealers and distributors, with a minimum of speculation." Especially do we disagree if this carries with it the thought that there is present in the market today more than "a minimum of speculation." Our observation is that today we have less speculation than the minimum required for protection against a thin market and the resulting wide price fluctuations.

What is needed more than anything else at the present time to preserve the farmers' marketing system and the consumers' marketing system is co-operation on the part of the governmental agencies which now have a monopoly on corn and wheat. Unless this co-operation is given, we predict serious impairment of this marketing machinery of which we are a part and over which you have, under the Commodity Exchange Act, supervision and control.

Live Insects in Iowa Corn

According to G. C. Decker, Iowa State College extension entomologist, who has recently completed a survey of more than 1,000 bins, both farm and Commodity Credit Corporation steel bins, said he had found a few live insects in from 50 to 60 per cent of the bins but that less than 10 per cent of the bins had what he termed "serious" populations.

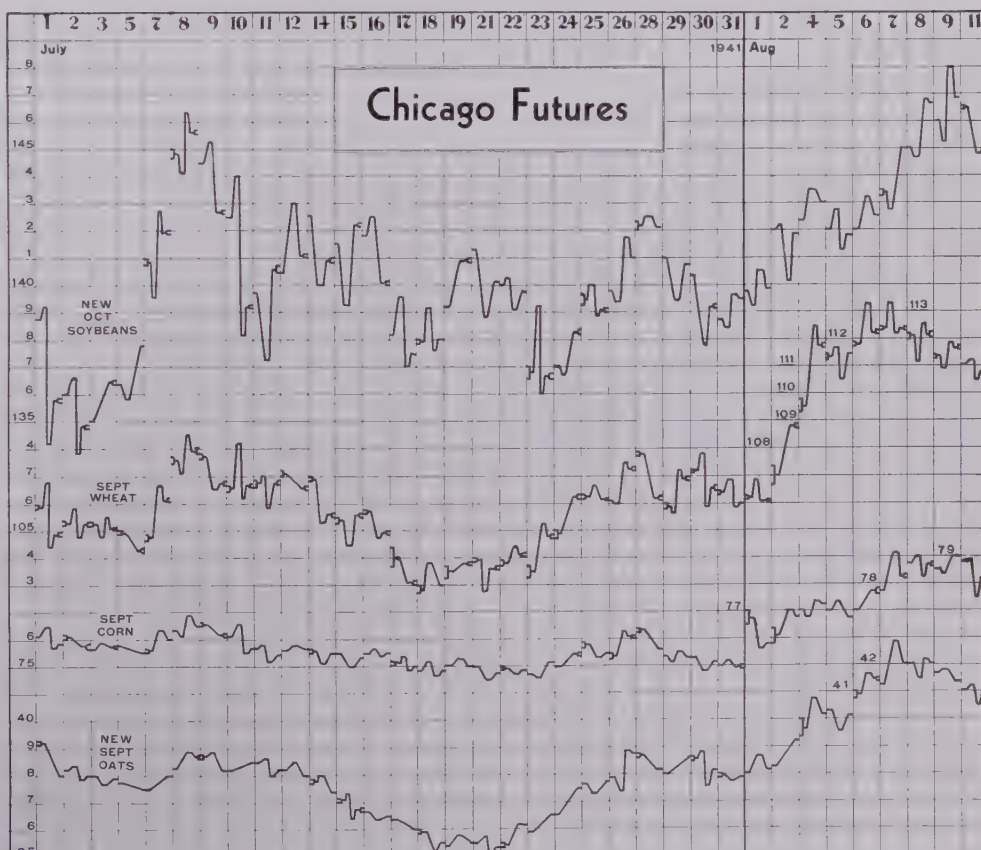
"These infestations can be easily taken care of with a fumigating mixture of ethylene dichloride and carbon tetrachloride with no appreciable loss of either grain or grade," he declared.

He said that in counties in which the corn in steel bins had been turned to remove insects and fine material the average amount of spoiled corn per bin was considerably less than 1 bushel. In a few of the bins high water had raised this figure to 6 and 8 bushels per bin.

It behooves buyers to inspect carefully each load offered.



H. R. McLaughlin, Winnipeg Grain Exchange Member, Who Died Recently of a Heart Attack.



Crop Reports

Reports on the acreage, condition and yield of grain and field seeds are always welcome.

Ashley, N. D., Aug. 9.—Wheat, 5 bus. per acre more this year.—Ashley Elevator Co.

Scott City, Kan., Aug. 7.—No beans grown here, nothing but wheat and barley.—J. E. Kirk Grain Co.

Carlisle, O., Aug. 7.—Only a few crops of beans harvested; wheat acreage same as last year; wheat acreage this fall not quite 100%.—Owen Gross.

Chester, Ill., Aug. 6.—Soybean acreage is 120% compared with a year ago; beans condition, 80%. No acreage will be plowed up. Beans are not harvested in this vicinity.—H. C. Cole Milling Co.

Chicago, Ill., Aug. 1.—Our August 1 estimates, in millions of bushels for rye and soybeans are: Rye, 48.1 (1940, 40.6; 1930-39, 38.5); soybeans, 106 (1940, 80; 1930-39, 43).—Nat C. Murray, statistician, Jackson & Curtis.

Huntley, Neb., Aug. 8.—Condition of crops compared to last year, wheat, 90%; barley, 85%; corn, 95%; corn looks good here and we have plenty of moisture for a week or 10 days.—A. Huntley Co-op. Equity Exchange.

Chesterfield, Ill., Aug. 6.—Acreage of beans larger and condition good, except too dry; practically all beans will be combined. Corn looks well but has been cut by the drouth.—Chesterfield Co-op. Elevator Co., W. E. Followell.

Fairbury, Ill., July 28.—The Corn Belt Elevator today purchased from Rudy Kilgus the first load of flax ever delivered there, and probably the first load ever delivered in Fairbury. The flax harvest is in full swing and other farmers have been bringing in seed daily.

Walla Walla, Wash., Aug. 7.—Fire struck again in Walla Walla county wheat fields, a blaze of unknown origin destroying approximately 1,000 acres of standing wheat and 2,500 sacks of harvested grain. The fires brought the amount of grain burned in this area this summer to 6,000 acres or upwards of 200,000 bus.—F.K.H.

Huron, S. D., Aug. 4.—All corn deteriorated during the past week. In central and eastern sections some of the corn was being cut for feeding, and others were just turning the stock into the corn fields. In some fields in the eastern half only the bare stalks have been left standing by the grasshoppers.—B. R. Laskowski, meteorologist.

Minneapolis, Minn., July 30.—The spring wheat crop is being forced to maturity very quickly and harvesting is progressing rapidly under ideal conditions. Samples indicate color, test and quality fully up to average. The Texas Panhandle is just finishing up harvesting winter wheat with some very disappointing results due to excessive rains when the crop was ripe.—T. R. Shaw, editor, Cargill Crop Bulletin.

Pasco, Wash.—Harvest is well under way in Franklin County and reports of enormous yields are coming in from all points. Some are harvesting from three to four times the usual amount. C. L. Colby, who built storage for 30,000 bus., finds himself with nearly 50,000 bus. to store. Although most growers in the last few years have bulked wheat, many are forced to buy grain sacks to care for the surplus grain.—F. K. H.

Winnipeg, Man., July 29.—The following are the official Dominion Government estimates of acreages sown to the principal grain crops in the Prairie Provinces. In all of the western provinces wheat acreage show a decrease. With 000 omitted and 1940 acreage shown in parentheses, 1941 and 1940 acreages are: Manitoba, wheat, 2,100 (3,512); oats, 1,600 (1,293); barley, 1,650 (1,256); rye, 201 (159); flax, 190 (89); Saskatchewan, wheat, 12,198 (15,571); oats, 4,594 (3,880); barley, 1,740 (1,251); rye, 623 (606); flax, 600 (232); Alberta, wheat, 6,653 (8,667); oats, 3,114 (2,645); barley, 1,492 (1,115); rye, 167 (177); flax, 150 (51). Total acreages are wheat, 21,551,000 (27,750,000); oats, 9,308,000 (7,818,000); barley, 4,882,000 (3,622,000); rye, 991,000 (943,000); flax, 940,000 (372,000).—McCabe Bros. Grain Co., Ltd.

Casey, Ia., Aug. 6.—Threshing finished, except flax and timothy. Oats, 65%; wheat, 45%; corn, 85%; beans, 90%. Rains this week saved our corn.—E. W. Miller & Co.

Farley, N. M., July 28.—Local crop conditions are best in 20 years. Wheat and rye yields are from 20 to 50 bus. per acre; corn and rye look better than for 12 years.—Davenport Bean & Grain Co.

Helena, Mont., Aug. 5.—Threshing and combining of winter wheat mostly made good progress during the week with reported yields varying from 15 to 40 bushels. Later spring grains maturing and filling nicely in most areas but it is expected that some shriveling will result in extreme east-central areas because of severe heat on the 5th.—Jay G. Diamond, Agr. Marketing Service.

Minneapolis, Minn., Aug. 9.—Except for a few days of high temperatures, the weather has been favorable for the flax crop during the past week. Harvesting operations have made good progress in the southern half of the flax territory. Tests on the first arrivals from Iowa and southern Minnesota show considerable improvement in the oil content and quality. Movement of new crop to market is being delayed because of widespread rumors of a Government loan on flax.—Archer-Daniels-Midland Co.

Ottawa, Ont.—The dominion bureau of statistics in its recent report confirmed recent private advices of decline in Canadian wheat prospects owing to insufficient moisture and other causes. July 31 condition of wheat officially reported at 72 per cent of the long-time average yield per acre, 8 points lower than a month previous and 105 per cent a year ago. No estimate of probable yields is given. Production of winter wheat is forecast at 16,417,000 bus. compared with 22,099,000 in 1940; fall rye, 10,644,000, against 10,366,000.

Winnipeg, Man., July 29.—With the exception of 1929, when yields were low, the acreage seeded to barley this year is the largest on record. Prospects for a large crop, tho not as large as increased acreage might indicate, are foreseen if conditions are maintained thru until harvest. To offset this fact to some extent is the unfavorable prospect for the barley crop in Ontario. It is estimated that 33% of the wheat in the prairies has received some permanent damage. Sawfly infestations are reported as widespread in southern Saskatchewan and Alberta.—McCabe Bros. Grain Co., Ltd.

Springfield, Ill., Aug. 6.—Corn progress during the week was generally fair to good in the north, and variable in the south; some firing was reported in places in all sections on lighter soils. Most corn is now tasseled and shooting ears, and much is silking. Soybeans are generally good, many are blooming or starting to bloom. Considerable corn and soybeans are in a critical stage, and unless there is rain and somewhat cooler weather soon, damage to those crops may be expected to increase. Winter wheat is now practically all threshed. Oat threshing in the north is half to all completed, and mostly completed in the south.—E. W. Holcomb, U. S. Meteorologist.

Decatur, Ill., Aug. 9.—The adverse effects of the second week of heat and drouth are noticeable on corn, principally on light soils in the drier areas. Well-developed ears are now showing plainly and a large percentage of the fields show dry silks, which is rather early for this condition and reflects the forcing weather of the past weeks. Inspection of the advanced fields shows many ears past the hard roasting ear stage. The bulk of the corn acreage was planted with hybrid seed this season and the hybrid corn can withstand dry and hot weather better than the open pollinated. Two ears to the stalk are common, although the second ear will be undersized or poorly filled unless more moisture and favorable weather is forthcoming immediately. Altho lack of rain has had a tendency to scale down ideas on probable bumper production, this is offset by an expected carry-over of around 700 million bushels. The country has been marketing liberal quantities of the 1938-39 sealed corn. Industries are buying all they have room for as the basis is very attractive. Soybean condition is very good in the main producing areas, color holding up well. Some damage on light, sandy soil, and in dry sections the late planted beans have stopped growing. This condition is especially noticeable in the southwestern part of the state. Rowed beans continue to have the best appearance and are free from weeds. Early planted fields show good podding; showers, even though light, have been very helpful.—Baldwin Elevator Co.

Goldendale, Wash., July 29.—Despite the fact that five times as many Klickitat farmers as usual are utilizing farm storage, S. F. Ganders, county AAA committee chairman, believes commercial facilities will be taxed to capacity. Yields in this section are running from 35 to 40 bus. per acre. The wheat crop will be the largest harvested in 10 years.—F.K.H.

Enid, Okla., July 28.—With a rather disappointing yield and lots of low test wheat to handle, grain dealers have seen the end of the 1941 harvest which has been an exceedingly hard crop to handle. With new government regulations, penalty wheat, low grades and other handicaps, it looks as if the country elevator has done a fine job of handling the crop. The oats crop has been disappointing.—E. R. Humphrey, Sec'y Okla. Grain & Feed Dealers Assn.

Sedgwick, Kan., Aug. 8.—The wheat crop in our section was rather disappointing with quality running below normal. Most farmers who were not in the program have now decided to adjust their acreage and are talking sowing legumes, mostly alfalfa and sweet clover. Some are investigating the possibilities of soybeans while a few are contemplating the sowing of flax. Our alfalfa seed crop from the second cutting is very short, but may have a crop from third cutting which will be ready about Sept. 1. Good crop of sweet clover but excessive moisture in the early part of the season has caused such a rank growth that some are not finding it profitable to harvest and will let it go.—The Sedgwick Alfalfa Mills, L. S. Congdon.

Springfield, Ill., Aug. 5.—Condition of corn and soybeans continues favorable altho beginning to show the adverse effects of the heat, especially in the southwest. Excepting the more northern counties, development of corn is about ten days to two weeks ahead of usual. The bulk of the corn acreage was planted with hybrid seed this season. There is a heavy infestation of ear worm in field corn this year. Soybean conditions are very good in the main producing areas of the state, and the present outlook is for a large crop. Both corn and beans will need rains soon to support the heavy growth. Soybeans are now blooming and podding. Cutting of small grains is practically completed in the north. Wheat threshing is practically over. Progress with the combining and threshing of oats ranges from nearing completion downstate to 60 to 70 per cent done in the north and averages fully 80 per cent completed for the state.—A. J. Surratt, Sr., Agricultural Statistician.

Winchester, Ind., Aug. 9.—Oats threshing in some parts of Eastern Central Indiana is still going on, but it is practically all done. Oats crop varied from poor to as good as we ever raised. Average was not quite as good as last year but there were a great many more acres and the crop as a whole is larger than last year, altho it is spotted. Had one elevator in a good section for wheat and corn both, took in less than 1,000 bus. of oats and they ordinarily buy 10,000 to 12,000 bus. Other places that usually don't get so many oats have bought more than usual. Wheat threshing is over and as good a crop as I can remember we ever did thresh in this country. Might say the highest yield in this county we hear of was 61 bus. to the acre for No. 1 soft red wheat. It was raised by John B. Goodrich, grandson of the founder of this business in 1861. We hear of nobody that hasn't got at least 20 bus. to the acre. Our county will easily average 30 bus. to the acre; 22 acres on my farm yielded 35 bus. to the acre and a flock of 400 Plymouth Rocks ate at least an acre of it. Farmers are storing every bushel they can.—Goodrich Bros. Co., P. E. Goodrich, pres.

Reports of Private Crop Statisticians

Chicago, Ill., Aug. 1.—C. M. Galvin, statistician of Jas. E. Bennett & Co., estimates the soybean crop at 100,000,000 bus., against 79,837,000 bus. last year.

Crop statisticians make the following estimates in million bushels:

| | Wheat | | | |
|--------------------|--------|--------|-------|-------|
| | Winter | Spring | Corn | Oats |
| Nat C. Murray..... | 677 | 264 | 2,638 | 1,167 |
| C. M. Galvin..... | 670 | 261 | 2,529 | 1,158 |
| H. C. Donovan..... | 670 | 265 | 2,600 | 1,195 |
| Mrs. Miller..... | 643 | 250 | 2,640 | 1,150 |
| Average..... | 665 | 260 | 2,602 | 1,168 |
| July 1, '41..... | 682 | 241 | 2,549 | 1,213 |
| Actual, 1940..... | 589 | 228 | 2,449 | 1,236 |

Higginsville, Mo., Aug. 7.—Missouri harvested the smallest crop of wheat for many years, estimated to about 15 million bushels. The western half of Missouri had the lightest yield for 35 years. In some counties, seed wheat will have to be gotten outside of the county. We urge the millers and elevators to furnish farmers with seed wheat suitable for the soft wheat miller. The short crop in Missouri gives those who are interested in the growing of soft type wheat a chance to furnish the wheat producers with seed suitable for the soft wheat miller. Most of the wheat grown in Western Missouri shows a 12.50 protein content and this is too much protein for desirable soft wheat flour. Let's get Missouri back in the soft wheat column and this can be done only by the co-operation of the millers and the elevators. The 100 degree temperature we are having is a bit hard on our corn crop and the prospects for the Missouri crop, we believe, has been cut 10 or 15 per cent. —A. H. Meinershagen, sec'y Missouri Grain, Feed & Millers Ass'n.

Soybeans Movement in July

Receipts and shipments of soybeans at the various markets during July, compared with July, 1940, in bushels, were:

| | Receipts | | Shipments | |
|--------------|----------|---------|-----------|---------|
| | 1941 | 1940 | 1941 | 1940 |
| Baltimore | 356 | 60 | ..... | ..... |
| Chicago | 657,000 | 715,000 | 937,000 | 598,000 |
| Indianapolis | 19,500 | 30,000 | 30,000 | 26,000 |
| Milwaukee | 10,010 | 50,050 | ..... | ..... |
| Minneapolis | 22,500 | ..... | ..... | 19,650 |
| Omaha | 7,500 | ..... | ..... | ..... |
| Peoria | 169,100 | 19,050 | 39,100 | 17,050 |
| St. Joseph | 19,500 | 28,500 | 1,500 | ..... |
| St. Louis | ..... | 3,200 | 9,600 | 9,600 |

Rye Movement in July

Receipts and shipments of rye at the various markets during July, compared with July, 1940, in bushels, were:

| | Receipts | | Shipments | |
|--------------|-----------|---------|-----------|---------|
| | 1941 | 1940 | 1941 | 1940 |
| Baltimore | 112,511 | 30,687 | ..... | ..... |
| Chicago | 428,000 | 359,000 | 139,000 | 145,000 |
| Duluth | 431,488 | 28,435 | 192,819 | 439,483 |
| Ft. Worth | 4,500 | ..... | 1,500 | 1,500 |
| Hutchinson | 1,500 | ..... | ..... | ..... |
| Indianapolis | 12,000 | 72,000 | 13,500 | 39,000 |
| Kansas City | 36,000 | 3,000 | 25,500 | 7,500 |
| Milwaukee | 185,730 | 1,510 | 10,400 | 57,730 |
| Minneapolis | 2,757,000 | 357,000 | 700,500 | 241,500 |
| Omaha | 101,237 | 21,185 | 75,600 | 19,600 |
| Peoria | 45,600 | 43,600 | 4,800 | ..... |
| St. Louis | 27,000 | 13,500 | 34,500 | 34,500 |
| Superior | 367,279 | 4,556 | 128,901 | 17,500 |

Barley Movement in July

Receipts and shipments of barley at the various markets during July, compared with July, 1940, in bushels, were:

| | Receipts | | Shipments | |
|--------------|-----------|-----------|-----------|-----------|
| | 1941 | 1940 | 1941 | 1940 |
| Baltimore | 38,049 | 3,552 | 23,333 | ..... |
| Chicago | 626,000 | 327,000 | 355,000 | 121,000 |
| Duluth | 886,154 | 318,386 | 525,322 | 385,081 |
| Ft. Worth | 267,200 | 4,800 | 14,400 | 1,600 |
| Hutchinson | 76,800 | 11,200 | ..... | ..... |
| Indianapolis | 3,000 | 4,500 | ..... | 15,000 |
| Kansas City | 251,000 | 28,800 | 209,600 | 1,600 |
| Milwaukee | 1,472,060 | 744,930 | 833,630 | 458,950 |
| Minneapolis | 3,080,400 | 1,494,300 | 2,420,800 | 1,271,600 |
| Omaha | 357,318 | 17,600 | 246,400 | 11,200 |
| Peoria | 283,100 | 272,400 | 179,200 | 114,800 |
| St. Joseph | 42,000 | ..... | 26,250 | ..... |
| St. Louis | 216,000 | 24,000 | 48,000 | 48,000 |
| Superior | 540,089 | 132,367 | 594,169 | 226,181 |
| Wichita | 9,600 | 2,600 | 1,300 | 1,300 |

Wheat Movement in July

Receipts and shipments of wheat at the various markets during July, compared with July, 1940, in bushels, were:

| | Receipts | | Shipments | |
|--------------|------------|------------|------------|------------|
| | 1941 | 1940 | 1941 | 1940 |
| Baltimore | 4,432,665 | 802,433 | 575,357 | 293,604 |
| Boston | ..... | 156,668 | 220,200 | ..... |
| Chicago | 7,766,000 | 15,517,000 | 1,434,000 | 2,378,000 |
| Duluth | 14,507,551 | 1,843,976 | 13,226,914 | 4,636,651 |
| Ft. Worth | 4,817,400 | 5,579,000 | 998,200 | 1,713,600 |
| Hutchinson | 9,466,800 | 8,132,600 | ..... | ..... |
| Indianapolis | 2,883,000 | 2,607,000 | 802,000 | 192,000 |
| Kan. Cy. | 26,443,200 | 41,288,000 | 7,433,750 | 10,318,045 |
| Milwaukee | 552,640 | 976,540 | 477,670 | 35,000 |
| Minneapolis | 24,742,500 | 3,537,000 | 4,435,500 | 2,518,500 |
| New Orleans | 980,487 | ..... | 7,000 | 21,400 |
| Omaha | 8,135,296 | 8,938,738 | 1,743,221 | 989,800 |
| Peoria | 1,215,400 | 1,275,000 | 371,070 | 552,120 |
| St. Joseph | 3,289,600 | 69,440 | 81,700 | 1,446,400 |
| St. Louis | 7,126,500 | 12,963,000 | 2,688,000 | 2,688,000 |
| Superior | 7,644,319 | 985,478 | 6,600,593 | 2,316,934 |
| Wichita | 7,657,600 | 9,112,500 | 1,889,600 | 4,318,500 |

Grain Movement

Reports on the movement of grain from farm to country elevator and movement from interior points are always welcome.

Chester, Ill., Aug. 6.—Wheat in farmers' hands 65%; oats, 70%.—H. C. Cole Milling Co.

Huntley, Neb., Aug. 8.—Wheat, 95% in farmers' hands; barley, 95%.—Huntley Co-op. Equity Exchange.

Ashley, N. D., Aug. 9.—Grain will remain in farmers' hands this year, 75%.—Ashley Elevator Co.

Carlisle, O., Aug. 7.—Very little grain in farmers' hands, mostly government storage.—Owen Gross.

Scott City, Kan., Aug. 7.—About all barley in farmers' hands and about ½ of wheat held back on farms.—J. E. King Grain Co.

Kansas City, Mo.—Public elevator holdings increased 16,142,000 bus. during July compared with 20,868,000 bus. expansion in July, 1940, and 24,578,000 increase two years ago. Shipments of only about 7½ million bushels against the July grain receipts resulted in a piling up of stocks.

Minneapolis, Minn.—The Pillsbury Flour Mills Co. purchased the first car of new spring wheat at this market on July 23. It came from Ferney, S. D., and was sold by the McCarthy Bros. Grain Co. The grain graded No. 1 heavy dark northern spring, weighed 60½ lbs., has 11.3 per cent moisture and 13.2 per cent protein.

Spokane, Wash.—The leading terminal in the Pacific northwest for the inspection and diversion of wheat shipments is having impressed upon its grain trade the need of a substantial increase to its wheat storage capacity of 2,520,000 bus. On Aug. 6th the storage space here was Greeley Elevator Co., 750,000 bus.; Centennial Flouring Mills, 700,000; Sperry Flour, 500,000; Boyd-Conlee, 350,000; Spokane Flour Co., 220,000.—F.K.H.

Buffalo, N. Y., July 28.—Week-end grain movement from the west into Buffalo by rail totalled 507 cars, the Buffalo Corn Exchange announced, setting a four-year record. Harvests in the farm areas west and a shortage of storage space in western country and terminal elevators led to the heavy influx, most of the corn and wheat movement being for storage here, although flour and feed mills will use some of the grain. The total movement was estimated at 750,000 bus.—G. E. T.

Kansas City, Mo.—Wheat has been moving out of Kansas City elevators very slowly, although the C.C.C. has been requested to move out old wheat to make room for the new crop. In 1931 Kansas City elevators shipped out 24,268,000 bus. in the month of July, while in July, 1941, wheat shipments were only 7,434,000 bus. The C.C.C. shipped 2,612,000 bus. and diverted 643 cars. Corn shipments were 1,330 cars, the largest for July since 1929, elevator operators having bought corn from the C.C.C. and resold it at a loss, to make room for wheat.

Ottawa, Ont., Aug. 7.—Canadian wheat in store for the week ending Aug. 1, 1941, increased 1,504,653 bus. compared with the preceding week and increased 181,551,011 bus. when compared with the corresponding week in 1940. The amount in store was reported at 463,838,083 bus. compared with 462,333,429 bus. for the preceding week and 282,287,071 bus. for the week of July 31, 1940. Wheat receipts in the prairie provinces for the week ending July 31, 1941, amounted to 5,558,251 bus., a decrease of 628,515 bus. from the revised figures of the preceding week when 6,186,766 bus. were marketed. During the corresponding week a year ago the receipts were 5,706,456 bushels. Marketings in the three prairie provinces for the 52 weeks from Aug. 1, 1940, to July 31, 1941, as compared with the like period in 1940 were as follows: Figures within brackets being those for 1940: Manitoba, 57,196,970 (53,785,712); Saskatchewan, 241,120,461 (238,527,921); Alberta, 157,417,649 (134,999,117) bus. For the fifty-two weeks ending July 31, 1941, and the like period in 1940, 455,735,080 and 427,312,750 bus. were received from the farms.—R. H. Coats, Dominion Statistician.

Hay Movement in July

Receipts and shipments of hay at the various markets during July, compared with July, 1940, in tons, were:

| | Receipts | | Shipments | |
|-------------|----------|-------|-----------|-------|
| | 1941 | 1940 | 1941 | 1940 |
| Boston | ..... | 231 | 275 | ..... |
| Chicago | ..... | 973 | 1,232 | 260 |
| Kansas City | 1,350 | 2,368 | 198 | 208 |
| St. Louis | ..... | 12 | 48 | 12 |

Corn Movement in July

Receipts and shipments of corn at the various markets during July, compared with July, 1940, in bushels, were:

| | Receipts | | Shipments | |
|--------------|-----------|-----------|-----------|-----------|
| | 1941 | 1940 | 1941 | 1940 |
| Baltimore | 652,741 | 199,520 | 102,857 | 12,857 |
| Boston | ..... | 119,593 | ..... | ..... |
| Chicago | 8,785,000 | 7,491,000 | 8,042,000 | 8,613,000 |
| Duluth | 2,500,519 | 1,855,350 | 2,462,587 | 2,153,771 |
| Ft. Worth | 136,500 | 33,000 | 63,000 | 13,500 |
| Indianapolis | 1,975,000 | 1,096,000 | 1,711,000 | 714,000 |
| Kansas City | 153,000 | 841,500 | 1,995,000 | 369,000 |
| Milwaukee | 2,245,500 | 378,200 | 1,576,800 | 611,850 |
| Minneapolis | 1,083,000 | 1,656,000 | 1,635,500 | 1,152,000 |
| New Orleans | 137,377 | 136,726 | 162,420 | 106,700 |
| Omaha | 335,783 | 4,898,124 | 2,887,000 | 626,220 |
| Peoria | 3,407,077 | 1,513,800 | 1,366,132 | 464,300 |
| St. Joseph | 195,000 | 324,000 | 169,500 | 133,500 |
| St. Louis | 1,071,000 | 1,002,000 | 451,500 | 451,500 |
| Superior | 1,722,442 | 1,318,979 | 1,539,750 | 1,601,433 |
| Wichita | ..... | 1,300 | ..... | ..... |

Oats Movement in July

Receipts and shipments of oats at the various markets during July, compared with July, 1940, in bushels, were:

| | Receipts | | Shipments | |
|--------------|-----------|-----------|-----------|-----------|
| | 1941 | 1940 | 1941 | 1940 |
| Baltimore | 82,867 | 58,235 | ..... | ..... |
| Boston | 11,600 | 16,000 | ..... | ..... |
| Chicago | 3,883,000 | 2,515,000 | 1,624,000 | 1,600,000 |
| Duluth | 346,181 | 37,797 | 268,050 | 116,401 |
| Ft. Worth | 216,000 | 244,000 | 36,000 | 76,000 |
| Indianapolis | 1,248,000 | 428,000 | 808,000 | 402,000 |
| Kansas City | 450,000 | 52,000 | 188,000 | 18,000 |
| Milwaukee | 142,380 | 15,820 | 19,000 | 46,500 |
| Minneapolis | 2,432,250 | 686,250 | 1,516,500 | 553,500 |
| New Orleans | 40,942 | 2,000 | 13,700 | 25,600 |
| Omaha | 403,309 | 16,000 | 214,753 | 29,710 |
| Peoria | 340,000 | 336,000 | 149,400 | 170,000 |
| St. Joseph | 590,000 | 134,000 | 124,000 | 14,000 |
| St. Louis | 556,000 | 380,000 | 206,000 | 206,000 |
| Superior | ..... | 46,692 | 2,500 | 75,508 |

Stocks of Old Wheat July 1

Washington, D. C., July 26.—The U. S. Dept. of Agriculture reports that the combined stocks of old wheat in interior mills, elevators and warehouses and old wheat held on farms July 1, 1941, are 162,337,000 bus.; compared with 116,764,000 bus. on that date last year and the 10-year average of 97,292,000 bus. July 1 stocks in the combined positions, by classes, are shown in the following table:

| Class | Average 1930-39 | 1940 | 1941 |
|-----------------|-----------------|-------------|-------------|
| Hard red winter | 35,442,000 | 43,560,000 | 41,032,000 |
| Soft red winter | 19,955,000 | 16,039,000 | 20,937,000 |
| Hard red spring | 20,897,000 | 34,625,000 | 69,500,000 |
| Durum | 5,491,000 | 9,830,000 | 17,109,000 |
| White | 15,507,000 | 12,710,000 | 13,759,000 |
| Total | 97,292,000 | 116,764,000 | 162,337,000 |

Farm Stocks of Corn

In addition to the regular July 1 quarterly report by the Dept. of Agriculture there is available the A.A.A. report on C.C.C. holdings, combined in the following statements in million bushels:

| Position | 1939 | 1940 | 1941 |
|---|-------|-------|-------|
| STOCKS ON FARMS: | | | |
| Old corn resealed | 28 | 145 | 194 |
| New corn sealed | 230 | 290 | 95 |
| Sealed on farms | 258 | 435 | 289 |
| Unsealed on farms | 592 | 418 | 453 |
| Total on farms | 850 | 853 | 742 |
| OTHER STOCKS: | | | |
| Owned by Commodity Credit Corporation | ..... | ..... | ..... |
| Steel bins | ..... | 62 | 120 |
| Country elevators | ..... | 15 | 33 |
| Terminal elevators | 8 | 15 | 40 |
| Subterminal elevators | ..... | 2 | 4 |
| Total owned by Commodity Credit Corporation | ..... | 94 | 197 |
| Sealed by farmers in country elevators | ..... | 11 | ..... |
| Unsealed, other | 23 | 10 | 13 |
| Total other stocks | 31 | 115 | 210 |
| Total stocks | 881 | 968 | 952 |

Milwaukee Holds Barley Conference and Grading School

With the arrival of a new barley crop, the Milwaukee Grain and Stock Exchange, cooperating with the U. S. Dept. of Agriculture and the Wisconsin College of Agriculture, held a barley conference and grading school on the exchange floor Aug. 5.

The many factors entering into the handling and marketing of the crop were discussed, and country buyers were given a clearer understanding and wider knowledge of barley types and grading factors. 180 dealers attended.

A. L. FLANAGAN, Milwaukee, chairman, called the meeting to order at one o'clock.

E. H. HIEMKE, pres. of the exchange, welcomed the dealers.

R. E. VAUGHAN, Wisconsin College of Agriculture, told of his work with Prof. G. W. Briggs in carrying the word of better barley and other grains to the farmers of the state. "We have held meetings with groups of 40 to 50 farmers, laid out test plots, advised against mixtures, and advised sources of better seed," said Mr. Vaughan. "Where we have had schools before, 13% of the plots had to be dropped as seed, whereas, where the farmers had not had the advantage of these meetings, more than 50% of the plots had to be discarded as seed.

DR. J. G. DICKSON, Wisconsin College of Agriculture, who had just completed a tour of

the barley areas reported on the 1941 crop. He said, "Barley acreage is on the decline in all sections but the present crop shows a good supply of quality barley.

"Northern Illinois has a very good crop in all areas, but a sharply reduced acreage to soy beans. The nicest, plumpest barley I have seen this year is in this territory.

"The Iowa crop is conspicuous by its absence. The acreage has gone mostly to flax. I saw only 24 fields but those were good.

"Nebraska has a bumper barley crop, the largest in years. There is some mellow barley in the eastern part. The west section hard.

"South Dakota has a good acreage with a decided improvement in variety purity and no mixing, probably due to the meetings held there last year. Barley in the east is mellow and plump and hard in the west.

"Minnesota has a greatly reduced acreage, replaced by flax. Blight is no factor. The southern section produced plump mellow berries. The crop in the Red River Valley was too late to judge.

"Wisconsin shows some damage by hot weather and drought in the Fond du Lac area. The crop in the south is on a par with last year. No weathering and no blight."

Dr. Dickson then discussed barley acreage. "Much Illinois acreage has gone to soy because

of the price differential, and flax has replaced considerable barley in Iowa, Wisconsin, Minnesota, and Dakota. I look for a further decrease in acreage with the introduction of new varieties of rust proof oats. The new oats will be the farmers' best feed crop and barley must yield 50 bus. per acre to compete with them in returns.

"The malting trade has drawn from farther west the past year and is now thinking feed barley prices for malting quality, and I advise strongly against this policy as western feed barley areas will not produce usable barley over a period of years, and prices of malting barley should be kept up to prevent a reduction in acreage in the malting barley territory."

ELMER J. DE BROUX, Alders, made an urgent plea for better barley prices. "Farmers will not market their barley when they can get 50% more by feeding it. Farmers are entitled to at least a pound for pound trading basis with corn."

J. P. HESSBURG, Froedtert Grain & Malt- ing Co., discussed "Maltster's Problems." He said, "We would all like ideal conditions, but we must deal with cold facts. I am old fashioned enough to believe that the law of supply and demand still functions. A small portion of the barley crop will be used by maltsters and competition forces each maltster to get his supplies competitively on a basis on which he can compete on his finished product. Maltsters prefer high prices and would rather pay 80 cents than 50 cents for barley if they could keep their plants operating at 75% capacity on that basis, but competition in the sale of their products will not permit it.

"Every maltster wishes for ideal conditions and wishes that every farmer had facilities to store their barley on the farm as we would prefer to have the barley cured before it comes to market. Barley arriving out of condition is a real problem to maltsters and must be discounted to pay for handling it.

"Some shippers, doubtless paying over the market, have resorted to mixing poor quality barley in cars of good malting grade, hoping to get top price for the entire shipment. This practice is an attempt to take advantage of you as well as of the buyer, and you men as a group should discourage it."

A. L. FLANAGAN explained that a plugged car, rejected by the maltster, is resold at the price of the poorest barley in the car, and that additional switching charges, etc., should discourage the practice.

WALTER C. HOLSTEIN, Mohr-Holstein Corn Co., in discussing the Commission Men's Problems, said:

The Barley Wanted by Maltsters

Due to the wet harvest last year, the discounts, on account of moisture and other damage caused many disappointments to Wisconsin barley shippers and growers. This year, on account of the uneven crop, your problem will be small berried barley, under-sized barley and blighted barley. The maltsters and brewers will, as always, buy the big berry in preference, as the starch and protein in such is so distributed so as to make the best malt. Unevenly berried barley will be wanted, but at discounts, as the cleaning and cleanout will be taken into consideration. We therefore urgently suggest to clean out as much undersized barley as you can before shipping, and have the farmer take back the screenings, or sell them ground at your elevator.

Although inspection of barley is important, the malting barley is a sample proposition. No maltster will buy barley by grade.

Don't let the test weight confuse you, for if your barley is largely flat, and fills the scale bucket, it can readily grade No. 1 or No. 2 Malting, and at the same time, some uniformly, plump, sound low in undersized No. 3 Malting will sell fully as well. Bear in mind the size of the berry, the mellowness, the color, the clean-out are the most important items to maltsters. Do not guess at the under-sized, but use your sieves, and if you haven't any, get sets immediately.

We Receivers are grateful for four important changes made the past few years:

1. Two-rowed mixtures. There were very few cars from Wisconsin points which inspected down with two-rowed. Two-rowed mixtures are

William A. Hottensen

W. A. Hottensen, president of W. M. Bell & Co., and prominent leader in the affairs of the Milwaukee Grain & Stock Exchange, passed away at Columbia Hospital, Milwaukee, Aug. 5, following five weeks illness. Cause of death was heart trouble. Mr. Hottensen was 59 years old.

Mr. Hottensen came to the United States from Germany in 1887, settling in the Green Bay, Wis., region then known as Fort Howard. In 1898 he moved to Milwaukee and became associated with Bell Commission Co., fore-runner of W. M. Bell & Co. In 1903 he became a member of the Milwaukee Chamber of Commerce, the name of which was later changed to the present Milwaukee Grain & Stock Exchange, and in succeeding years he advanced step by step thru positions of trust with both his company and the Exchange. At the death of Wallace M. Bell he became president of W. M. Bell & Co. Mr. Hottensen was also vice president and treasurer of the Globe Co., at Watertown, Wis., one of the large rye mills of Wisconsin.

Mr. Hottensen served the Exchange in various capacities from 1910, when he became a member of its Board of Arbitration on Grass & Clover seed. He was a director from 1916 to 1922, vice president from 1924 to 1926, and president from 1926 to 1928, inclusive.

Mr. Hottensen was considered one of the foremost grain men of the country, and served the Grain & Feed Dealers National Ass'n in various com'ite capacities for a number of years. He was a specialist in barley, rye and Wisconsin corn, and under his leadership, W. M. Bell & Co. spread to cover a large territory with branches in Sioux City, Cedar Rapids, and Storm Lake, Ia., Watertown, Wis., and various grain producing sections of the north-west. The firm also became interested in country elevators in many sections.

Mr. Hottensen was a 32nd degree Mason. Funeral services were conducted under Masonic rites, with associates from the Exchange and from the lodge serving as pall bearers.

Surviving are the widow, Florence Garner

Hottensen, and three sons, William, Jr., Wallace, and Robert. All are associated with W. M. Bell & Co.



William A. Hottensen, Milwaukee, Deceased

not wanted account of uneven growth when malted.

2. There were also considerable less arrivals of skinned and broken. These corrections can be attributed to the untiring efforts of Professors Briggs and Vaughan and others from the Department of Agriculture at Madison.

The crop is estimated at 338,000,000 bus., or the largest on record, which is largely barley unfit for malting, as it includes Nebraska, Kansas, Ohio, Kentucky, Tennessee and other states. There are several estimates, however, of decreases from 15,000,000 to 20,000,000 of good malting, less than last year. There will be, perhaps, 65,000,000 to 70,000,000 wanted for malting this year.

We have every reason to believe that the present prices of barley will hold, and perhaps work gradually higher. The best samples indicate that Wisconsin grown grain will again have some very fine malting barley."

H. W. ROHDE, chief chemist, Schlitz Brewing Co., discussed "Evaluation of Barley for Malting." He gave the history of the varieties grown in the state, and the results of malting and brewing tests on each variety. He described the various methods of barley evaluation.

L. H. ROBBINS, Agr. agent C. M. St. P. & P. Ry., talked on barley from the viewpoint of a railroad. He urged producing and marketing what the other fellow wants, and said the ele-

vator man has a responsibility of building a reputation for his community by educating the farmers to produce good malting barley and then marketing it as a premium quality.

DR. LARRY F. GRAEBER, head agronomist, University of Wisconsin, speaking for the farmers of the state, predicted a big decrease in barley acreage, and stated that quality too will decline if prices are not sufficient to encourage growing quality barley.

He described Vicland Oats, a new, big yield, rust proof variety, which in 1938 produced 95 bus. against 35 bus. for other good varieties, and which is standing up to expectations this year, in producing, on test plots, 65 bus. against 20 bus. for other good varieties. This new oat, he predicted, would supplant much of the present barley acreage.

O. F. PHILLIPS, Board of Review, U. S. Dept. Agri., briefly outlined the history and present setup of grain inspection and the processes of inspection, supervision and review.

FRED G. SMITH, Educational Board, U. S. Dept. Agri., talked on "Educational Work in Agriculture." "Grain dealers," he said, "are the key men in their localities, and the improvement of grain and increase in farmers income is his responsibility and opportunity.

"Improvement in the quality of grain is most gratifying, and conferences and schools of this sort are largely responsible."

W. B. COMBS, Extension Dept., U. S. Dept. Agri., conducted a barley grading school. After each person was furnished an Inspectors Handbook and a Grading Primer, mimeographed question sheets were distributed covering the various factors entering into barley grades, and answers were checked by Mr. Combs. The delegates were then grouped at the tables where each delegate was given samples to determine heat damage, two row, skinned and broken, and mellow.

After the meeting all adjourned to Pabst Brewery for an excellent supper as guests of Pabst Brewing Co.

New Mexico Dealers

Feed manufacturers and dealers in grain and feed held a meeting recently at Albuquerque, N. M., to organize a state association of New Mexico dealers. An excellent spirit of co-operation was manifested.

Officers elected are: Pres., Albert Ruoff, Albuquerque; sec'y, M. F. Salazar, Colfax; treas., G. O. Frederic, Clovis.

Argentina Lacks Ships

The most discouraging feature of the grain business continues to be the lack of shipping space for the transportation of such of the exportable surpluses as can be placed in consumer markets overseas. Undoubtedly a great deal more Argentine grains and seeds could be sold abroad if delivery could be effected. Linseed is an outstanding example. There are indications that the whole of the remaining stocks might be purchased if the buyers could secure delivery, but boats are not to be had, writes the Buenos Aires correspondent of the Dominion Buro of Statistics.

Three States Join in Promoting Use of Rice

By JAMES H. GLASS

Commissioning of the five-man Louisiana State Rice Development Commission has been completed. Under terms of the Louisiana act a tax of two cents per 100 pounds will be assessed on all rice milled after Aug. 1, 1941, to provide a fund for advertising and promotion. The act was made contingent on passage of similar legislation by Arkansas and Texas, which was done.

Verne Tindall, Stuttgart, Ark., is the chairman of the newly organized Arkansas Rice

Development Commission. J. T. White, Jonesboro, is vice chairman, W. A. Thomason, Stuttgart, secretary-treasurer, and Earl Daughterty, Stuttgart, elected to represent Arkansas on a tri-state committee including Louisiana and Texas commission.

The Arkansas law provides for the appointment of a salaried manager.

Chicago Grain Man to Salina, Kan.

Orrin S. Dowse, who has been identified with grain warehousing in a big way at Chicago for the past 25 years, has become associated with a well known southwestern company, the Shellabarger Mill & Elevator Co., of Salina, Kan., effective Sept. 1.

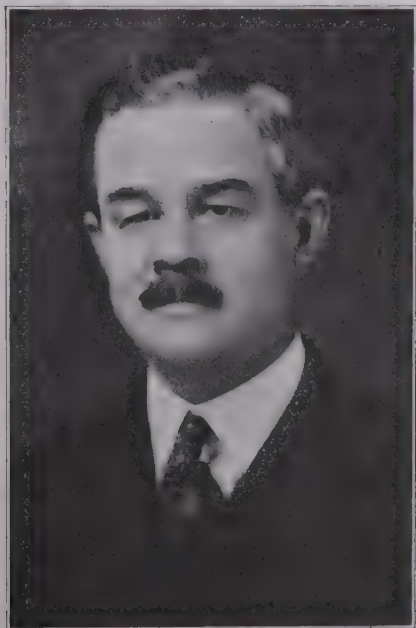
Mr. Dowse at the present time is a director of the Chicago Board of Trade, having served the institution as first vice president and second vice president and as a director. He also served on many regular and special committees and his knowledge of the grain trade and all its ramifications has made him a valuable asset to the Exchange, as well as the trade in general.

Mr. Dowse started his business career with the Armour Grain Co. during the summer of 1914, joining the Board of Trade in 1918 and continuing with the Armour concern until its discontinuance in 1927, at which time he was an assistant vice president. The following twelve years he was a vice president of the well known Stratton Grain Co., and of its Chicago successor, the John Kellogg Co., and in 1939 and 1940 was president of the Santa Fe Elevator Corporation, leaving that concern in July 1940 to become the manager of the grain department of Fenner & Beane.

His entire business career has been spent in Chicago, maintaining a home in Joliet, Ill., until five years ago when his family moved to Winnetka, Ill. He is a member of the Union League Club of Chicago and Christ Church, Winnetka. For relaxation he occasionally plays golf but his usual diversion, however, is a little more work either in his own business or for the Chicago Board of Trade.



Orrin S. Dowse, now at Salina, Kan.



Charles A. Tower, Des Moines, Ia., Deceased

Elevator Opening Attracts a Large Crowd

"It's a mighty fine looking elevator," commented "Uncle Abe" McMillan, who farms 300 acres near Richland, Ill. (p.o. Pleasant Plains), after the farmers had watched switches thrown, and heard machinery hum in the 15,000 bu. cribbed, iron-clad elevator of the Richland Cooperative Elevator Co.

The occasion was the official opening of the new elevator, built by George Saathoff to replace an elevator that burned a year ago. More than 200 farmers, farm wives, brokers, commission men, mill buyers, and neighboring elevator operators gathered to inspect the new plant, to eat ice cream and cake, and to listen to a short program during which local and visiting dignitaries congratulated the company, its officers, and stockholders, on their new plant.

The new elevator is completely electrified and fitted with fast machinery complimentary to all activities of the company, including grain handling and feed grinding and mixing.

The elevator rests on a 48x29 ft. reinforced concrete foundation, and rises 76 ft. to the ridge of the cupola. In the elevator are 10 bins. Four are deep bins, their hoppers sloping across the full basement to reach the boot of the leg. Three bins are over the workfloor, and have spout connections to reach the leg. Three more are over the driveway, and are drained thru the receiving pit, or may be used for loading trucks.

The 14 ft. wide, 13 ft. high driveway runs lengthwise thru a side of the elevator. In it is an overhead traveling truck lift, riding on rails sufficiently long so that any length of truck may be dumped by its 2½ h.p. motor

into either of three receiving pits. The three metal-lined receiving pits are all of the same size, holding 225 bus. each. Two are covered with wide, counter-weighted trap doors, the third with an 8x5 ft. steel grate.

The first of the receiving pits observed on entering the driveway is used for grains brought in for grinding. It is fitted with an ear corn drag, operated by a motor thru a Lewellan variable speed drive, to draw grains for grinding into the throat of a hammer mill in the basement of a mill building attached to the elevator. The second pit is for receiving ear corn. This is fitted with a 12 ft. Western shaker feeder to feed ear corn into a No. 24 Western pitless corn sheller, driven by a 25 h.p. Fairbanks inclosed motor, and connected to the boot of the elevating leg. The third is the grate-covered receiving pit, which bypasses the sheller to drain small grains directly into the leg boot.

The leg has a 15-inch wide rubber covered leg belt carrying 14x7 inch Nu-Hy elevator buckets on 12 inch centers. It is driven by a 7½ h.p. Fairbanks inclosed motor in the cupola thru a jack-shaft and roller chain drive. The leg, like other machinery in the elevator, runs freely on roller bearings in Western boxes.

A Western distributor may be set by controls from the workfloor to spout grain to any of the 10 bins, the No. 32 Western Gyration Cleaner, or the 10 bu. Richardson automatic shipping scale. The latter drains in turn thru an 8 inch well-casing loading spout to reach box cars on the side track beside the elevator.

Cobs and husks separated out by the corn cleaner are blown thru wind trunking to reach

a cob burner some distance from the elevator. Forcing the draft thru the wind trunking prevents possible back drafts which might catch sparks and carry them back into the elevator. The wind trunking is fitted with a tight damper to close it off from possible back drafts when the cleaner is not in operation.

The cob spout from the cleaner has a dividing valve, so that cobs may be drained into a cob bin over the elevator driveway when demand makes saving cobs worth the effort. The cob bin, in this position, is readily emptied directly into trucks, or thru spouting to the leg boot, should a shipping demand for cobs ever arise.

All parts of the elevator are readily accessible thru aid of a hand-operated Western man-lift in the leg well.

The mill building is a 50x18 ft. iron-clad structure, attached to the elevator at one end, and having a foundation integral with that of the elevator. A basement under the elevator end of this structure is home for a No. 3 Jay Bee hammer mill, driven by a direct-connected 75 h.p., semi-inclosed motor. The hammer mill throat is fitted with a Homer electro-magnetic separator.

The meal collector for the hammer mill sets on top of the mill building, its bottom poking its way thru the roof, and forking into a three way drain, so that spouting can direct ground products for bulk loading, for sacking, or for mixing, as desired. The mixer (not yet installed) will be a one-ton capacity machine, set in a corner of the mill building.

Dust proof switch boxes to control all of the machinery in the elevator and the mill building are assembled on a panel at the elevator end of the mill building.

Manager Jake D. Harms threw the switches to operate the elevator machinery for the benefit of visitors on opening night. Officers and directors of the company are J. E. Harms, president; E. H. Lyman, vice-president; H. G. Renken, sec'y-treasurer, and Roy McMillan, John Taylor, and Albert Cordes, directors.

President Harms opened the program for the crowd that seated itself in the elevator's driveway after it had consumed its fill of ice-cream and tea. Manager Jake Harms followed him with introduction of visiting grain buyers, and elevator operators, then turned the meeting over to President L. E. Riley of the Illinois Farmers Grain Dealers Ass'n, who introduced the speakers.

Sec'y Lawrence Farlow of the Illinois Farmers Grain Dealers Ass'n, first speaker, told a number of anecdotes and traced the history of the Richland Cooperative Elevator Co. in his congratulations on the new plant.

County Com'teman Morris explained the wheat marketing quotas from both the farmers' and the buyers' viewpoints, and answered the questions of both in a manner similar to detailed explanations of speakers at conventions of grain dealers.

Price Raised on Government Corn

During July the government has been selling its C.C.C. corn at the 75 cent level, under the announcement of June 7 that sales would be made at Chicago between 69 and 75 cents.

Aug. 1 the price was raised to between 73 and 77 cents for No. 2 yellow corn, basis Chicago. On the Board of Trade prices thereupon jumped over night two cents per bushel, as shown on the chart herewith.

The price in Kansas City and St. Joseph, Mo., is 70½c per bu. f.o.b. cars; Omaha, 69c; Minneapolis, 72c.

The change in the release prices is being made in view of the recent increase in parity prices and in view of the fact that loan rates on the 1941 crop of corn at 85 per cent of parity will be higher than loans on the 1940 crop. This change represents the beginning of a gradual adjustment of release prices to the prospective 1941 loan levels.



New 15,000-bu. Elevator of Co-operative Elevator Co. at Richland, Ill.



In the Receiving Line. Ice Cream and Cake at Opening of Richland Elevator Co.'s New Elevator at Richland, Ill. [See facing page]

Soybean Protein as a Paint Binder

The Glidden Company, in a recent announcement, revealed the marketing of a new and quite revolutionary water-thinned wall paint which utilizes soybean protein as a binder.

Soybean protein is a truly remarkable product extracted from soybeans in Glidden's Soybean Processing plant. Its use as a binder makes possible the introduction of many desirable qualities in the new paint. By reason of the qualities inherent in the soybean protein, "Reflect-O-Lite" has greatly increased adhesive qualities.

Legislation Regulating Itinerant Merchants

Forty of the states have adjourned their regular legislative sessions.

Bills were offered in 18 states providing for regulation of itinerant merchants using motor vehicles, such regulation or amending existing statutes. Regulatory laws were enacted in Arkansas, Kansas, Oklahoma and Illinois. ("Merchant carriers" are already regulated under the Illinois Truck Regulatory Act.)

A recodification of the California law limited the scope of regulation to purchasers of farm products. Amendments to existing law were also made in Iowa.

Registration of "merchant truckmen" (i.e., buyers and sellers of farm products) is provided in a New York statute.

Wheat Going Into Government Loan

By NAT C. MURRAY, statistician Jackson & Curtis

There is so much uncertainty as to the amount of this year's wheat crop which will go into government loan, that we put the following question to our crop correspondents: "What per cent of wheat crop (not used on farm for seed and feed) do you think will go into government loan?" Each reporter estimated for his own locality, the results being a fair cross-section of general opinion.

The results indicate that for the United States about 525 million bushels is expected to go into the government loan, or 70% of the salable supply. The percentages for important states are: New York 20; Pennsylvania 25; Ohio 45; Indiana 50; Illinois 65; Michigan 30; Minnesota 50; Missouri 80; North Dakota 87; South Dakota 83; Nebraska 75; Kansas 75; Oklahoma 70; Texas 84; Montana 90; Idaho 60; Colorado 75; Washington 65; Oregon 85; California 45%.

Weydman Now Heads Rex Grain & Milling Co.

Chas. B. Weydman, for 25 years with the Eastern Grain Elevator Corporation, has resigned as vice pres. and treas., to bring his experience as an executive and manager to the Rex Grain & Milling Co., well known as manufacturers of the Rex Feeds, at Buffalo, N. Y.

As president of the Rex Company Mr. Weydman will be assisted by Albert S. Krotz, vice pres., who has been with the company since its incorporation and will continue as production manager.

Mr. Weydman has many friends in the trade who will be pleased to learn he now heads his own firm. He is president of the Buffalo Corn Exchange, a director of the Grain & Feed Dealers National Ass'n and a director of the National Grain Trade Council, which is doing important work in government affairs.

Materials for Elevator Equipment Manufacturers

With regard to priority for materials the Grain & Feed Dealers National Ass'n reports that the only possible avenue of relief now open to an elevator equipment manufacturer is thru an application on Form P.D.1. Filing of such a form is the essential first step to be taken in every case. Forms are obtainable at Federal Reserve Banks or from OPM direct.

The U.S.D.A. has created the Office of Agricultural Defense Relations (O.A.D.R.) under Gov. Townsend, to work with O.P.M. in speeding priorities for vital agricultural industries. Therefore, it is important for every grain equipment maker to notify O.A.D.R. as soon as he has filed his application with O.P.M. (Address L. L. Needler, Office of Agricultural Defense Relations, % U.S.D.A., Room 4603, Agriculture South, Washington, D. C. Send complete information, and ask for help in getting the application thru.)

P.D.1 applications should be mailed to O.P.M., Washington, D. C. A separate application is necessary for each type of material needed. Thus if Blank Equipment Company needs priorities in order to obtain 20 tons of sheet steel, 12 motors and 200 lbs. of copper tubing, it would need to make separate applications for each, because they would be handled by separate O.P.M. committees. Each application should contain as much information as possible showing the demand for the equipment by grain elevators. Actual names of the elevators ordering the equipment should be given if possible.

Each application must name the supplier from whom the Blank Co. desires to purchase the material. O.P.M. will want a guaranty that the supplier so designated actually has the material available. Thus, if the Blank company names a jobber, O.P.M. will demand evidence that that jobber has the material and will hold it for the Blank Company until the priority can be granted. (Process usually takes several weeks.)

Visitors in the Sheller Pit of the Richland, Ill., Elevator



1. N. A. Midden, Springfield; 2. O. N. McDaniel, Ashland; 3. Gus Kilver, Jacksonville; 4. Manager Jake D. Harms; 5. T. J. Reinders, Ashland; 6. L. D. Corr, Pleasant Plains; 7. F. J. Weis, Springfield; 8. Harry Strawn, Jacksonville; 9 and 10. Lawrence Farlow, Bloomington, and L. E. Riley, Pleasant Plains, sec'y and president, respectively, Illinois Farmers Grain Dealers Ass'n; 11. E. P. Palman, Springfield. [See facing page]

Grain Carriers

The Michigan Bean Co.'s complaint against the Pere Marquette's refusal to grant storage in transit at Saginaw, Mich., has been dismissed by the Interstate Commerce Commission.

Portland, Ore. — The motorbarge Inland Chief has arrived at Vancouver Aug. 6 with 20,000 bus of wheat, one of the largest shipments of the season from Port Kelley, Wash. —F.K.H.

Grain and grain products were loaded into 46,142 cars during the week ending Aug. 2, a decrease of 9,135 cars from the preceding week and an increase of 5,452 cars over the like week a year ago, as reported by the Ass'n of American Railroads.

The Northern Pacific and the Great Northern have asked the federal court to set aside the order of the Interstate Commerce Commission in No. 27938, requiring absorption of connecting line switching charges on grain and grain products at Minneapolis, Duluth and Superior on shipments from Iowa, Minnesota, Montana and the Dakotas.

Oats and barley were included with lower rates on corn at a meeting Aug. 9 of the Western Trunk lines in Chicago, from, to and between points in Iowa, Minnesota, Nebraska, Kansas and Missouri. One transit is granted. Shipments stored in transit are accorded an additional transit. Permission to publish the rates on short notice will be asked of the Interstate Commerce Commission.

To compete with a 10-cent rate on grain by truck or boat from Pensacola to Panama City, Fla., the L. & N. put in a similar rate in connection with the Atlanta & St. Andrews Bay Railroad. This brought in other railroads who have now obtained permission to put in reduced rates with fourth section relief on grain from Ohio and Mississippi River crossings to points on the Atlanta & St. Andrews R. R., in order No. 14270.

Chicago, Ill.—Officials of the 19 railroad unions have called for a vote on striking, after the refusal of the companies to grant a \$900,000,000 a year wage increase. After the strike is voted the National Mediation Board has power to mediate. The Big Five want a flat 30 per cent wage increase. The 14 other unions are asking 30 cents an hour increase, with a minimum wage of 70 cents an hour. Shippers will be expected to pay the increase.

POWER PLANT EQUIPMENT

Consisting of Corliss Engines direct connected to D. C. Generators; Turbo D. C. Generator; Corliss engine direct connected to air compressor; switchboard and steam piping.

USED D.C. MOTORS

OPEN AND ENCLOSED

¾ h.p. to 200 h.p.

STARTERS AND CONTROLS

All equipment is in good condition.
For detailed list and prices write

Albert Schwill & Co.

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CHICAGO

Buffalo, N. Y.—The sectional welded all-steel barge Carchester, one of six of the same type owned by Cargill, Inc., recently made its first trip on the Barge Canal. The four sections are lashed together by steel cables. These barges have greater capacity and more speed than ordinary barges.—G. E. T.

Washington, D. C.—C. E. Childe of Omaha and Robert E. Webb, chairman of the Kentucky Railroad Commission, have been nominated by the president to be members of the temporary transportation board created by the Transportation Act of 1940. A third member is Nelson Lee Smith, chairman of the New Hampshire Commission.

Senate Bill 210, to regulate freight forwarders, is opposed by the National Industrial Traffic League.

The Interstate Commerce Commission has decided to reopen the Nebraska-Colorado grain rate case. The Nebraska Commission contends the common point system discriminates against the Omaha market because western Nebraska wheat growers have been able to ship their crops more cheaply to Denver and Kansas City. The Commission was successful in getting lower rates at eight points, but this was unsatisfactory. Farming interests in the panhandle joined in a request for a further hearing.

New Storage for Distress Grain at Fort William—Port Arthur, Ont.

Private grain firms have built 15 large supplementary grain storehouses adjoining their permanent modern grain elevators at Fort William-Port Arthur, Ontario, to care for a share of the enormous surplus of choice wheat accumulated in the Prairie Provinces from recent crops.

The Canadian Government has encouraged the building of this temporary storage by permitting the owners to write off the cost of the distress storage in two years.

One of first to be completed is the two million bushel temporary storehouse designed and erected for N. M. Paterson Co., Ltd., at Fort William, Ont., by the Fegles Construction Co., which is illustrated on our outside front cover. Percy C. Poulton is superintendent of both houses.

The building is 396 by 184 feet with a rated storage capacity of two million bushels. It has an outer and inner wall, 14' and 24' in height respectively.

The timber bents at 18 foot centres supporting cupola gallery are 55 feet in height and are of 12'x12' dimensions.

The roof is of the Fegles patented catenary type. Steel cables ¾" in diameter are strung from an anchor in a concrete footing up over inner wall to the timbers supporting cupola. The cables are not strung to the nearest cupola timbers, but are carried through eye bolts to those on the opposite side of the cupola to the side where they are anchored in the concrete footings at ground level. This is the case on both sides of the roof and results in a stiff and well supported cupola. The eye bolts, threaded, provide the means by which all cables are brought to the same tension.

The cables are at 2' centres and on them are placed 3"x3" wooden purlins at 3' centres. The purlins are fastened to the cables by cable clamps, which are bolted to the purlins. The roof is of 14 gauge galvanized iron and its perpendicular joints are capped and bolted. The horizontal joints are fitted and soldered.

The footing on which the cables are anchored is of 18" thickness and of course is not heavy enough to take the whole weight of the roof and this is the reason why there are two walls which are 6' apart and between which has been placed gravel and earth fill to a depth of 14' to provide weight and anchorage for the roof. This economical feature is entirely new.

The iron roof, plus class "B" building paper, which covers all exposed wooden surfaces of the structure, make the building as nearly fire-proof as such a building can be made.

The building was completely filled July 5th. It is loaded by a 36" conveyor connected to a bin of the original plant which conveys grain to a leg with two rows of 14" cups on a 30" belt.

The leg discharge has a turn-head spout, which loads one-quarter of the building without using the 36" cupola conveyor. The 36"

cupola conveyor belt plus the use of an improvised plough loads the remainder of the building. The plough is set in front of raised conveyor rollers and distributes the grain where required.

In the middle of the building at 32' centres are erected chimney spouts, which are in 6' sections, and are connected to belt loaders in the basement tunnel.

The chimney spouts are designed to enable the building to be unloaded evenly and avoid undue stresses in the building structure at time of unloading. Also at 16' centres from the chimney spouts are located draw-off spouts which will be used after grain level has been brought to tunnel roof level, through the chimney discharges.

Sixty-five to 70% of the grain in the building will be run off by gravity and the remainder will be shoveled by means of a portable Clark Shovel, which will be operated from the tunnel roof.

The tunnel belt will be discharged onto the same conveyor belt which loads the building and which runs at right angles to the tunnel. The latter belt is reversible and this belt plus the leg in the new unit made the construction of an overhead gallery unnecessary. The reversible belt will discharge the grain on its way back to permanent storage into the same bin in which grain is put to load the new unit.

The building site has been properly drained. Four inch weeping tile has been placed on both sides of the basement tunnel and drain from the centre to each end of the building. These drains are connected to existing drains around the property and discharge into the Kam River.

The floors are 4" concrete slabs 32' square; the divisions between slabs are filled with a tar mastic. The concrete rests on a 6" gravel fill.

Before loading the building the concrete floor was covered with a waxed paper to keep down possible ground moisture and thereby to avoid propagation of mites.

The leg installation in the unit is considered to be a fine feature inasmuch as it makes it possible to aerate that portion of the building load which will run by gravity.

Ventilation in this climate is considered of prime importance due to excessive condensation, and has been well provided for in this building by the following means: The space of 6' in width and 10' in height between the two walls has been vented to the outside by means of 10' 2"x4' louvres on either side of the building. The point at which the cables pass over the inside wall has been left open providing a space of 4" through which outside air may pass over the grain and on up through the cupola roof on which has been installed eight large ventilators.

This should provide ample ventilation and prevent the grain absorbing condensation, and therefore avoid the possible propagation of mites.

Grain and Feed Trade News

Reports of new elevators, feed mills, improvements; changes in firms; fires, casualties, accidents and deaths are solicited.

ARKANSAS

Arkadelphia, Ark.—The first shipment of 100,000 bus. of wheat ultimately to be stored has been received by the Arkadelphia Milling Co., Inc., from the C. C. C. The company has been advised that additional cars have been shipped and shipment will continue until storage capacity of the mill has been reached. Recent repairs have placed six of the mill's elevators in first class condition. Repairs are contemplated on three other elevators. H. E. Nelson, business manager, stated as soon as possible the company intends to qualify for supplementary bins which will enable it to store 4,000 extra bus. The government now is paying 8½¢ per bushel for storage. At present no flour will be milled but Mr. Nelson has announced that the company will proceed with plans for the manufacture of sweet feeds. The feed plant will be well equipped and will be able to turn out 600 bbls. of corn meal a day, and 400,000 lbs. of feed per day. The milling company, which recently underwent a change in ownership, has been incorporated with the following officers: Cecil Cupp, president; James C. Hobgood, vice pres.; Joseph Callaway, sec'y-treas., and H. E. Nelson, mgr.—J. H. G.

CALIFORNIA

Porterville, Cal.—A slipping V-belt caused a small fire loss in the San Joaquin Valley Poultry Producers warehouse recently.

Los Angeles, Cal.—The Miller Malting Co. will add a 250,000-bu. addition to its plant. Contract was let to the Jones-Hettelsater Const. Co.

Richmond, Cal.—A manufacturing plant for the production of vitamin-fortified oils and other vitamin products used for poultry and animal feeding, as well as vitamin concentrates for the food and pharmaceutical industries, is to be erected by the National Oil Products Co. of Harrison, N. J.

Sacramento, Cal.—The California Railroad Commission recently denied an application by the Sacramento Valley Warehousemen's Ass'n and the California Warehousemen's Ass'n to increase warehouse rates, running in some instances to 25¢ per ton. Specific crops on which higher charges for storage and handling were asked included grain and seeds in its list.

CANADA

Milk River, Alta.—Two grain elevators and three annexes of Ellison Milling & Elvtr. Co., Ltd., were destroyed by fire, with 130,000 bus. of grain, July 29.

Port Arthur, Ont.—George Roneki of Fort William suffered a fractured pelvis when he fell from a temporary grain storage bin under construction July 29. He was employed by the Barnett-McQueen Const. Co.

Ottawa, Ont.—Trade Minister MacKinnon announced the wheat processing tax of 15¢ per bushel ended July 31 and will not be in operation in the new crop year. He stated that lapsing of the tax would avoid a threatened increase in the price of bread in Canada. The tax has been in effect one year and was established for the purpose of assisting the financing of government wheat programs. In the crop year ending July 31 revenue from the tax was more than \$5,000,000. The tax was abandoned thru provisions of an order-in-council.

Montreal, Que.—Representatives of big milling companies here have been spending much time in Ottawa lately assisting governmental departments to work out details of the lately announced plans to insure ample supplies of mill feed for the use of dairy farmers thruout the Dominion.

Fort William, Ont.—A company of 30 officials of the Searle Grain Co., headed by S. F. Searle, president, were here to watch the delivery of the first grain into the new Searle distress storage bin. The company was on a combination business inspection and pleasure sight-seeing tour.

COLORADO

Seibert, Colo.—Fred Mosher of Rexford, Kan., has reopened his grain elevator which has been closed for nearly six years. Jerry Roller is the new manager.

Holyoke, Colo.—The additions to the Holyoke Co-operative Ass'n and Reimer-Smith Grain Co. elevators are nearing completion. They represent an increase of 115,000 bus. local storage capacity.

Cortez, Colo.—The Wark Milling Co. recently installed new handling equipment in its elevator, to handle grain at the rate of 2,000 bus. per hour. The elevator's cupola was raised to accommodate the new installation.

Swink, Colo.—Ady & Milburn, Inc., bean merchants, recently purchased the Everett Campbell elevator. The company will purchase wheat, barley, corn and other grain, for sale or storage, as well as buy and store beans. The company warehouse in La Junta is filled with 8,000 bags of white and pinto beans.

Brighton, Colo.—The Intermountain Elvtr. Co., located between highways 85 and 6 in South Adams County, recently completed a 500,000-bu. elevator, supplementing its present elevator and increasing its storage capacity to 1,000,000 bus. of grain. The elevators will be open 24 hours each day to accommodate the farmers.

ILLINOIS

Kenrey, Ill.—The Kenney Elvtr. Co. recently had a well dug at its elevator.

Gardner, Ill.—The Treasure Grain Co. elevator has been given a coat of white paint.

Mackinaw, Ill.—J. Hartzell Puterbaugh, 93, at one time active in the grain business, died July 14.

Summerfield, Ill.—The Summerfield Farmers Co-op. has installed a Sidney Manlift and Bucket Elevator.

Garrett, Ill.—The Farmers Co-operative Grain Co.'s wood, metal clad elevator, was destroyed by fire June 18.

Freeport, Ill.—Spontaneous ignition of coal was the cause of a recent small fire loss in the H. A. Hillmer Co. elevator.

Cullom, Ill.—James E. Carsten, of Bowling Green, O., is manager of the Cullom Grain Co. elevator, succeeding Arthur Sloma.

Donovan, Ill.—The Donovan Elvtr. Co. is constructing an annex in which a hammer mill to do custom grinding will be installed.

Nashville, Ill.—The Huegely Elvtr. Co. was granted a certificate of necessity by the National Defense Commission of \$5,000, for grain storage facilities.

Piper City, Ill.—J. K. Montelius, for many years engaged in the grain business, at one time a member of the firm of Montelius Grain Co., died recently.

Hagarstown, Ill.—Oral Wright, operating the Hagarstown Feed & Produce, has moved into the brick building he recently purchased, across the street from his former location.

Gibson City, Ill.—McMillen Feed Mills, Inc., recently purchased a group of lots and homes for resale to its employees, the company's attempt to relieve an acute housing situation.

Rapatee, Ill.—The Star Milling Co. mill was destroyed by fire July 22 together with a quantity of grain and seeds it contained. Sam Bock, manager, stated the loss was covered by insurance.

Saunemin, Ill.—G. W. Carson, who suffered a paralytic stroke several weeks ago, has resigned as manager of the Saunemin Elvtr. Co. elevator after having been connected with the firm for 34 years.

Belleville, Ill.—Arthur Ackels, superintendent of the Imbs Milling Co., caught his left hand in machinery at the plant July 15, severely lacerating the middle finger necessitating amputation at the first joint.

Sheldon, Ill.—The Bishopp Elvtr. Co. has opened its elevator with Frank Bishopp in charge. The elevator, which has not been operated for several years, has been undergoing repairs for several months.

Harristown, Ill.—A 28,000-bu. addition, 62x16 ft., 41 ft. high, has been completed to the Beall Grain Co. elevator, increasing its storage capacity to 100,000 bus. The entire structure is covered with corrugated iron.

Decatur, Ill.—Spencer Kellogg & Sons will construct a soy bean processing refinery at its plant, to cost about \$100,000. The refinery will use the solvent process to extract the oil. Construction will start about Sept. 1.

Pekin, Ill.—The Pekin Farmers Grain Co. has leased four additional water lots from the city in preparation for construction of a terminal in the Illinois River. Application for permit for the construction has been made.

Findlay, Ill.—The Findlay Grain Co. recently purchased the machinery from the Middlesworth Elevator and moved it here where it is being overhauled. The company will build a large storage elevator on the site of the one that burned a few years ago.

Springfield, Ill.—A fine of \$100 to \$500 is provided in the new law, House Bill No. 329, for business concerns that buy and sell merchandise not sold in their regular course of trade. The law is aimed at wholesale buying for employees at a discount in unfair competition with regular retailers.

McHenry, Ill.—The McHenry County Farmers Cooperative Ass'n mill and office building was destroyed by fire Aug. 11, that followed shortly after a severe electrical storm swept the community. Lightning is believed to have kindled the blaze. The frame structure was filled to capacity with barley, oats, corn and mill feed.

Springfield, Ill.—F. W. Hagen, grain dealer, has filed suit in Sangamon County Circuit Court seeking an injunction against collection of the state sales tax on sales of grain for live stock feed. Hagen contended that the Illinois finance department was acting illegally in collecting the tax on feed sales.

Leroy, Ill.—Earl Nichols of Assumption has succeeded W. C. Lantz as manager of the Hasenwinkle-Scholer Grain Co., who resigned after 12 years' service in that capacity.

Morris, Ill.—R. A. McClelland of Dwight was elected sec'y of the Co-operative Allied Grain Dealers Corp. and O. B. Robbins was named treasurer at the recent annual meeting. Mr. McClelland operates an elevator at Dwight. Mr. Robbins is manager of the Co-operative Grain Dealers Corp. elevator.

Bunker Hill, Ill.—The Bunker Hill Farmers Elevator has completed the remodeling of their electrical equipment. All motors are standard except for the one non-standard "spatter proof" motor on hammer mill and an otherwise safe installation is made non-standard requiring a penalty in the insurance rate.

Morris, Ill.—Morris Mills, Inc., recently filed a petition for reorganization under chapter 10 of the Chandler Act, which provides for operation of the company under trusteeship. Fred E. Hummel was appointed trustee on July 26. The company will continue business with the present personnel working under the trustee.

Norris City, Ill.—The Norris City Milling Co. is experiencing considerable trouble getting straightened out on its electrical power installation after a salesman recommended and sold them non-standard "splash or spatter" proof motors for use in their feed mill. Only enclosed motors are to be used in dusty locations.

Williamsburg (Lovington p. o.), Ill.—The C. F. Scott Grain Co. is constructing a 13,500-bu. grain storage bin. Since purchasing the elevator from Howard Huckleberry Mr. Scott has made many improvements on the property that will provide for quicker and more efficient service in all departments of the business. Among new equipment installed recently is a moisture testing machine.

Morris, Ill.—The Norris Grain Co. has made application with the war department for permission to place four clusters of five piles each along the south bank of the Illinois River, with an up-stream cluster of seven piles 10 ft. riverward of the elevator and about 30 ft. landward of the south channel line in the river. This would allow 26-ft. width barges to be loaded without extending into the marked channel of the stream.

Savanna, Ill.—The five re-inforced concrete tanks for the elevator of Rosenbaum Bros. have been completed. The tanks, erected on concrete columns, have concrete roofs. Each tank is 30 ft. wide and 72 ft. high, with a storage capacity of 50,000 bus., and is equipped with a 16-inch feed conveyor at the top, attached to the present elevator. Grain is already being stored in the bins, William Harstick, Sr., superintendent, stated.

Newton, Ill.—William Henry Houser, 75, engaged in the hay and grain business here for many years, died July 17, following a cerebral hemorrhage suffered a few days before. Mr. Houser in 1909 formed a partnership with Charles P. Sutton, the firm known as Houser & Sutton, and became one of the largest shippers of hay in the middle west. Following the tragic death of Mr. Sutton in 1921, he formed the firm of W. H. Houser & Co., and continued in business until his retirement five years ago.

Bloomington, Ill.—The Illinois Independent Grain Growers Ass'n, a state organization formed to fight AAA wheat marketing quotas, will unite with the national group being organized to fight federal penalties of 49c a bushel on excess wheat. Temporary officers and com'tes appointed will be superseded by permanent officers after organizational meetings have been held in other counties. H. C. Tabor, Tower Hill, is temporary president. Among the counties represented are Macon, Montgomery, Shelby, Sangamon, DeWitt, Piatt, Logan, Fayette, Scott, Pike, Morgan and Christian.

Oakland, Ill.—The many friends of Sergeant Meddie Buck, thruout the grain trade in this section of the state where he resided for many years, will be pleased to learn of his promotion from Deputy Inspector, Veterans of Foreign Wars, to the office of State Inspector in the same organization. Mr. Buck, residing now at Champaign, Ill., where he is engaged in the grain business, while his children attend the University of Illinois, has been active since 1917 as assistant manager, then manager, of the Cropsey (Ill.) Co-op. Grain Co., and later, in 1937, assuming control of 15 elevators in this section. His knowledge of farm and grain problems caused him to be called to Washington on two occasions, for conferences with ex-President Hoover.

CHICAGO NOTES

Posting of quotations on soybeans for March, 1942, delivery began July 23; but the directors of the Board of Trade have ruled that quoting of May delivery is not to begin until late in October.

The rules committee of the Board of Trade has ruled that on wheat not sold but put into store the commission on receipts is 1 per cent of loan value if over \$1 and 1c per bushel if less than \$1 a bushel.

The Grain Exchange Institute board of directors has been increased in number to seven with the election of Edward F. Thompson, Jr., and Richard Withrow. Robert H. Gardner has been re-elected president of the ass'n.

Atkinson W. Withrow, 54, a partner of Hurlburd, Warren & Chandler, and a member of the Board of Trade for 20 years, died Aug. 8. Two of his sons, John T., and Richard M., also with the above named firm, survive him with his widow and daughter.

Wm. J. Sayre, employed the past 18 years in the sampling department of the Board of Trade, died recently aged 62 years. He was a brother of the late Lewis Sayre, and a son of the late John Sayre, superintendent of the old Irondale Elevator. A brother, Robert, is employed by the Norris Grain Co.

William M. Hommerding, who recently severed his connections with the B. A. Eckhart Milling Co., where he had been wheat buyer for many years, and announced his intention of engaging in the grain business at Fargo, N. D., was presented with a gold watch on Aug. 8, by friends on the Chicago Board of Trade.

The last reported sale of membership certificates in the Board of Trade was at \$375, with posted offers at \$400.

Moses Eisemann will be denied trading privileges on all contract markets for one month beginning July 29 by order of the Commodity Exchange Administration. He and Walter T. Rice and I. P. Skolly were alleged to have handled orders for puts and calls on the Winnipeg Grain Exchange. Hearings on charges against Mr. Rice were concluded by the C. E. A. July 29.

J. M. Melville, for the past seven years manager of the Chicago Meat Products Co., and Flakes Cereal Corp., announced the forming of a new company, the Central Feed Supply Co., with offices on South La Salle St. The company will handle feed ingredients, serving buyers and sellers thruout the middle west. Mr. Melville has been in the feed business for more than 20 years.

New members recently enrolled in the Chicago Board of Trade include the following: James M. Cassidy, Minneapolis, Minn.; William D. Gann, Miami, Fla.; Floyd L. Barlow, Peoria, Ill.; Chas. W. Kittleman, Clarence M. Galvin, Paul J. O'Brien, William R. MacDonald, George W. Sand, Robert C. Nathan, Chicago, Ill.; Arthur Cowen, Jr., New York, N. Y.; G. Allan MacNamara, general freight agent of the Canadian Pacific railway.

The Chicago Chapter, Society of Grain Elevator Superintendents, lured by memories of the wonderful time recently enjoyed by themselves and families at Twin Lakes, Wis., will heed the clamorous demand for a return engagement there, and on Aug. 16-17 will once more trek for the Badger state there to chase the provokingly illusive pill about, angle for the "big" ones and gather for a recounting of the "tall" ones. Make your reservation early, folks, the com'te warns.

The firm of Merrill Lynch, E. A. Pierce and Cassatt will consolidate with Fenner & Beane, effective Aug. 18, the new company to be known as Merrill Lynch, Pierce, Fenner & Beane. The consolidation brings together the two largest brokerage firms in the country. Combined capital will be more than \$6,000,000, Homer P. Hargrave, Chicago resident partner of Merrill Lynch, E. A. Pierce & Cassatt, stated. Senior partners of the firm will be Charles C. Merrill, E. A. Pierce, Charles Fenner, and Philip W. Russell. Offices will be located in 93 cities and memberships will be held in 28 security and commodity exchanges.

The main work house of the grain elevator operated by Gerstenberg & Co. at 4902 South Homan Ave., was razed in a fire July 24 that destroyed eight large bins and burned 325,000 bus. of corn stored in the elevator. Most of the corn was owned by the C. C. Co., and some by the firm. The elevator proper and other buildings were saved. The fire was discovered first in the top of one of the bins. The wood and iron bins were leveled in less than an hour. The elevator is owned by the Grand Trunk Western Railroad Co. The loss is covered by insurance. Employees had left the plant during the noon lunch hour, except deputy Board of Trade weighmen who smelled burning rubber, looked for fire without finding it at first and then made their escape when flames were seen. Plans for rebuilding are only tentative. The burned grain has been salvaged; and Aug. 9 removal of the grain from the concrete tanks was begun.

INDIANA

Sheridan, Ind.—The Wallace Grain Co. has installed a Steinlite Moisture Tester.

Boonville, Ind.—Boonville Mills recently installed a Sidney Electric Truck Hoist.

Gentryville, Ind.—Eli L. Grigsby, 75, died at his home recently after a lingering illness. For a number of years he owned and operated the Grigsby flour mill.—W. B. C.

The Unvarnished Truth About Grain Fumigation

An Informative Series of Questions and Answers

No. 13 Do grain fumigants cool infested grain?

No, certainly not in the sense many advertising claims are intended to convey. It is true that once the insects—the cause of heating—are eliminated, the grain may subsequently show a very slow, gradual reduction in temperature. But the fumigant is only the indirect, not the direct cause of that lowered temperature.

Anyone wishing more detailed information on this or other subjects related to grain fumigation is invited to write us. Questioners will not be subjected to sales arguments, but will receive honest answers within the limits of our information.

THE **Weevil-Cide** CO.
THE DEPENDABLE GRAIN FUMIGANT
1110 HICKORY STREET
KANSAS CITY, MO.

Falmouth, Ind.—Herbert McClain, 66, manager of the Falmouth grain elevator, died unexpectedly July 24, at the elevator office.

Attica, Ind.—A 60x16-ft. annex is being built at the Jones Bros. elevator. There will be four bins with capacity for four carloads of grain.

Cambridge City, Ind.—Imperial Mills recently purchased a ton vertical mixer and hammermill bought from the Sidney Grain Machry, Co.

Clinton, Ind.—We have rebuilt our mill that burned and added a Blue Streak Corn Cracking Machine.—Riverside Mills, Clarence Wright, mgr.

Royal Center, Ind.—Martin D. Carroll, 72, former operator of a local elevator, died July 26, at St. Joseph Hospital, Logansport, after a long illness.

Liberty Center, Ind.—O. D. Way, who was manager for many years of the Farmers Grain Co., died unexpectedly in his sleep on July 24. Many grain men attended his funeral on Sunday, July 27.—A. E. L.

South Whitley, Ind.—The Farmers Elevtr. Co. has installed a new hammer mill and 50 h.p. motor which is direct connected. A new one-ton feed mixer and cracker and grader also were added.—A. E. L.

Windfall, Ind.—Elevator & Mills, Inc., has been organized to engage in the grain and milling business; 1,000 shares having a par value of \$10 each. Incorporators are A. W. Berger, June S. Mitchell and Carl Scudder.

Evansville, Ind.—The fleet of portable wheat cleaning and treating machines has started its tenth year of operations in the tri-state area, it was announced by C. E. Skiver, wheat specialist of Purdue University.—W. B. C.

Terre Haute, Ind.—Fire that started in a waste cob conveyor at the Graham Grain Co. elevator on July 30, caused a small loss. Efficient work on the part of the firemen prevented the blaze from spreading to the elevator building.

Bippus, Ind.—The Mayer Grain Co. has built an office, size 22x30 ft. The interior walls are made of "Knotty Pine." Fluorescent lighting fixtures are installed. Steam heat will be supplied from the steam power plant in elevator.—A. E. L.

Indianapolis, Ind.—In the large exhibit of insects to be shown in the Horticultural Bldg. of the State Fair by the State Board of Agri. will be an interesting exhibit of grain infesting insects prepared by G. E. Lehker, extension entomologist of Purdue University.

Evansville, Ind.—Robert Morris is completing the construction of a new river elevator about 6 miles south of here. Elevator will be about 20,000 bus. capacity and is of heavy cribbed iron clad construction and will be powered by totally enclosed explosion proof motors.—H. H. H.

IOWA

Gray, Ia.—The Dozler Grain Co. is building a large steel corn crib.

Holland, Ia.—The Holland Grain Co. is erecting new warehouses.

Odebolt, Ia.—The Odebolt Co-operative Elevtr. Co. has installed a Superior Cleaner.

Lake City, Ia.—L. H. Adams & Co. have erected an 18,000-bu. steel bin annex at their elevator.

Ames, Ia.—The Western Grain & Feed Ass'n is sponsoring a feed school at Iowa State College Oct. 3-4.

Estherville, Ia.—H. N. Jensen, 59, president of the Golden Sun Milling Co., died recently, of a heart attack.

Solberg (Clarion p. o.), Ia.—Basil and Donald Deegan of Peterson recently purchased a grain elevator located in Wright County, near here.

Linden, Ia.—Elmer Headlee, of Anamosa, has purchased the local elevator and mill and will move here in the near future.

Emmetsburg, Ia.—Fraser-Smith Co. reopened its office, in charge of Cliff Sawyer of Minneapolis, who is well known to the trade.

Newell, Ia.—Harold Smith recently leased the H. L. Danielson elevator. Mr. Danielson was called to army duty.—Art Torkelson.

Rembrandt, Ia.—The Farmers Co-op. Elevtr. Co. is building a 24x50 ft. annex to its elevator. The T. E. Ibberson Co. has the contract.

Hills, Ia.—The Hills Grain Co. elevator, located near the Rock Island tracks, is nearing completion. Ivan Rummelhart is proprietor.

Wellsburg, Ia.—The George Potgeter Grain Co. will build an annex, 48x64 ft., at its elevator, to have a storage capacity of 75,000 bus.

Rock Valley, Ia.—The Farmers Elevtr. Co. is installing a new grain dump and driveway, large enough to accommodate the largest truck trailers.

Spirit Lake, Ia.—M. E. Carnahan was retained as manager of the Superior Farmers Co-op. Elevtr. Co. elevator at the company's annual meeting.

Spencer, Ia.—S. D. Fleming, manager of the Farmers Elevtr. Co. for the past 22 years, has resigned his position. He will be succeeded by Orville Torbert.

Alden, Ia.—A. R. Metcalf, manager of the Farmers Elevator, died unexpectedly on July 18. He had been manager of the elevator for the past nine years.

Eagle Grove, Ia.—Work has been started on the new elevator for the Quaker Oats Co. A part of the present elevator has been torn down and is being rebuilt.

Goldfield, Ia.—Arthur Beisell was re-elected manager of the Farmers Elevtr. Co. elevator at its recent annual meeting and Glen Garland was renamed assistant.

Calamus, Ia.—Wm. J. Eden, who formerly managed the Farmers Elevtr. Co. several years ago, was appointed manager recently to succeed A. E. McLatchie.—A. G. T.

Jefferson, Ia.—The D. Milligan Co. is constructing a 45,000-bu. grain storage annex east of its elevator along the Milwaukee tracks. It is 40x50 ft. and 45 ft. high.

Manilla, Ia.—F. A. Brown has sold his grain elevator and corn crib to Ray Sebern of Astor. Mr. Brown will continue in the feed business and retain his office and scale.

Rodney, Ia.—Clarence C. Nickolaissen, 46, who, at one time, operated a grain elevator here, died in a Sioux City hospital. Funeral services were held here on July 11.

Atalissa, Ia.—Gerald Curttright of Cedar Rapids, has purchased the local elevator and will operate it personally. He is remodeling the elevator into an up-to-date house.

West Bend, Ia.—The Davenport Elevtr. Co. recently installed a new 30-ton scale at its elevator. A warehouse for feed storage will be constructed, J. A. Olson, manager, stated.

Red Oak, Ia.—Frank A. Smith, 82, died Aug. 1 at the home of his daughter, Mrs. Homer Daniel in Glenwood. He had been in the grain and feed business in Red Oak for 52 years.—A. G. T.

Schaller, Ia.—We have bought the elevator owned and operated by the J. B. Adams Grain Co. of Omaha. This gives us storage of 150,000 bus. The Adams elevator is to be used for storage only.—Farmers Grain Co.

Leeds, Ia.—Fifty-five employees of the International Milling Co. recently received safety awards for a perfect record compiled in a safety contest. Not an accident occurred at the mill for the year that ended June 30.

Rolfe, Ia.—The Charlton Grain Co., Inc., at its annual meeting elected Charles C. Davis of Pasadena, Cal., vice-pres., to succeed Fred M. Davis, deceased. Frank G. Charlton was elected president, Everett W. Davis, treas., and Edward E. Duffy, sec'y.

West Bend, Ia.—The West Bend Elevtr. Co. will build a warehouse on the site purchased from Louis Schafer, Jr., to be used for feed storage. It is remodeling its present plant, raising the roof on part of the building to provide more room for feed storage.

Sheldon, Ia.—The Farmers Co-operative Ass'n is building a 100,000-bu. grain storage elevator, to be 42x42 ft. in ground dimensions and 110 ft. high, topped by a 20-ft. cupola. Four circular bins at the corners will have a 14,000-bu. capacity and will be supplemented by 12 other bins. The Tillotson Const. Co. has the contract.

Why be Satisfied with Less when you can get MORE Capacity!

EQUIP YOUR BUCKET ELEVATOR LEGS

with... **THE Nu-Hy**
GRAIN BUCKET

Trademark Reg. U. S. Pat. Off.

Now, when your house is being pushed for capacity—why not take advantage of the increased efficiency "Nu-Hy" Buckets will effect for you! You can transform your bucket elevator leg without interrupting present schedules . . . no extensive alterations are necessary. Merely replace present buckets with "Nu-Hy's." You'll run more economically, too, because no power is dissipated due to backlegging . . . each bucket carries and delivers more than any other style bucket of same dimensions. Furthermore, they're guaranteed to do so.

Let us make a capacity analysis of your elevator legs. Write for Form No. 76.



Pats. Pending

Screw Conveyor Corporation
702 HOFFMAN ST. HAMMOND, IND.
SCREW CONVEYORS HAMMOND ELEVATOR BUCKETS
TRADE MARK REG. PRODUCTS U.S. PAT. OFFICE

Kanawha, Ia.—L. E. Faber, former owner of the Kanawha Feed Mill, has again taken over the plant, Verner Paulson, who has owned and operated it for the last four years, selling the business to Mr. Faber July 23. Leslie Faber will operate the mill for his father.

Grundy Center, Ia.—The George Potgeter Grain Co. will build a 75,000 bus. storage warehouse to supplement its local storage capacity. The new building will be 48x60x24 ft., cribbed type, with concrete foundation. There will be eight bins. Claassen Bros. will supervise construction.

Red Oak, Ia.—The Replogle Milling Co. has moved back to its original location where elder members of the family founded the milling business at the lower end of Hammond St., years ago. The firm will continue to sell its well known brands of feed and flour and will trade for raw wheat.

Spencer, Ia.—Bruce L. Nutting, 61, passed away July 29 after a lingering illness. He was well known in the grain trade by his previous association with Lamson Bros. & Co., J. C. Shaffer & Co., John F. Clark & Co., Rosenbaum Grain Co., Marks Laser Co., and as an independent broker during his long career.—A. G. T.

West Bend, Ia.—Harold Landtiser, 43, died July 31, in General Hospital, Algona, where he was taken following a fall of 20 ft. at the West Bend Elvtr. Co. elevator, breaking his neck. He had been constructing bins at the elevator when the scaffolding broke. He struck a timber half way down, and also a saw horse before landing on the concrete floor. Richard J. Lawson escaped with minor injuries in the same accident.—A. G. T.

Nevada, Ia.—The Lapp Laboratories, manufacturers of stock and poultry feeds and concentrates, is building an annex to its plant between Ninth and Tenth Sts. The new building of concrete block construction, will be 75x90 ft. and 28 ft. high. It will be used both as a warehouse and to house several thousand dollars worth of new feed grinding and mixing equipment. Custom grinding and mixing will be done there. The company is manufacturing two new products this year.

Odebolt, Ia.—Thieves, plying their trade while the whole town slept, in a literal wholesale fashion, broke into seven places of business the night of July 18, and in only one, the Odebolt Co-operative Elvtr. Co., encountered at least a taste of their just deserts. Here, tear gas attachments set off when the marauders forced their entrance to the office, completely routed them with only a small amount of change from a stamp drawer in an outer office as fruits of their lawless labor. Gas fumes were so dense in the elevator office that employees, arriving the following morning, found it necessary to air the place for some time before entering it.

DES MOINES LETTER

A dust explosion occurring in the Inland Milling Co. plant on July 25 caused a small loss.

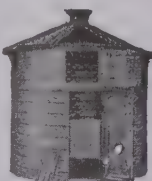
The 38th annual convention of the Farmers Grain Dealers Ass'n of Iowa will be held Jan. 21, 22, and 23, 1942 at the Fort Des Moines Hotel.

W. Fenton Jones, 41, of Spencer Kellogg & Sons, Inc., died of a heart attack in his automobile July 27 while driving to the company's branch office. Mr. Jones formerly was located at Decatur, Ill.

MIDWEST GRAIN BINS

answers your surplus storage problems. 5 sizes, 500 to 2250 Bu. Easy to move or erect. Extra profit also selling bins to your farmer customers who require farm storage. Also steel Corn Crib. Write for particulars.

Midwest Steel Products Co.
728 X Delaware, Kansas City, Mo.



Western Grain & Feed Ass'n has launched a new membership drive from now until Sept. 1 and as a reward for members' efforts in securing the new enrollments, a 4 ft. 3 inch x 5 ft. 8 inch regulation size United States flag will be presented each member who brings in a new member together with membership fees.—Graddon Swanson, sec'y.◀

KANSAS

Seneca, Kan.—Elmer Winterscheidt's 10,000-bu. addition to his elevator has been completed by the A. F. Roberts Const. Co.

Moundridge, Kan.—The Moundridge Milling Co. has installed an automatic fire sprinkler system in its mill and warehouse.

Overbrook, Kan.—The Overbrook Farmers Union Co-op. Ass'n elevator and stock were heavily damaged by fire on Aug. 3.

Salina, Kan.—W. J. Cates, for 22 years superintendent of the Shellabarger Mill & Elvtr. Co., died July 16, after several months' illness.

Dodge City, Kan.—The Dodge City Terminal Elevator has leased the International Harvester Co.'s warehouse and will use it for grain storage.

Greenleaf, Kan.—The Farmers Elvtr. Co. recently added a 12,000-bu. annex to its elevator. The A. F. Roberts Const. Co. had the contract.

Ensign, Kan.—The Farmers Elevator was broken into the night of July 28. A radio and some tobacco comprised the only loot of the marauders.

Johnstons Switch (Caldwell p.o.), Kan.—The S. P. Wallingford Grain Corp. elevator sustained a small amount of damage from high winds on July 21.

Randolph, Kan.—The E. L. Rickel Grain Co.'s 30,000-bu. elevator, stud type construction, has been completed. A. F. Roberts Const. Co. had the contract.

Spearville, Kan.—The Grain Belt Elevators opened their elevator recently with L. H. Rethorst as manager. The company will store government loan wheat.

Hutchinson, Kan.—The Southwest Grain Co. was granted a certificate of necessity by the National Defense Advisory Commission, for \$10,000, for grain storage facilities.

Hope, Kan.—Santa Fe officials who have been endeavoring to locate an elevator on the company's right of way, have stated that there will be no elevator erected at the present time.

Dodge City, Kan.—The Dodge City Flour Mills recently reopened four country elevators to provide storage, located at Ensign, Bellefont and Spearville, the plants having a total capacity of 200,000 bus.

Gridley, Kan.—The Sauder Elvtr. Co. recently installed a molasses feed pelleting machine at its elevator and is manufacturing molasses feed pellets, especially adapted to the requirements of cattle feeders in this section.

Cullison, Kan.—The Farmers Grain & Merc. Co. added 3 tanks to its storage units, two, 20x30 ft.; one, 20x35 ft., with galvanized dome roofs. McPherson Concrete Products Co. were the builders. J. E. DeWitt is manager of the elevator.

Baxter Springs, Kan.—Levi Frank Cammack, 72, active in the Stauffer-Cammack Grain Co. since it was founded until his health failed three years ago, when he retired, died July 23. Mr. Cammack and the late Samuel K. Stauffer founded the grain company in 1915 in Columbus, two years later buying the old Dunwoody-Willard mill here. The company at one time owned fifteen elevators, later consolidating into four locations here, Columbus, Miami and Picher. The latter two later were sold.—P. J. P.

Hutchinson, Kan.—An electrical damage loss occurred recently in Plant "A" of the William Kelly Milling Co.

Seneca, Kan.—The Farmers Elvtr. Co. set up the "treats" to the volunteer fire department on July 28, a small way of showing its appreciation of the efficient work of the firemen when they saved the company's elevator from destruction by fire recently.

Tokepa, Kan.—Wheat growers dissatisfied with the 49c penalty for over production of wheat held a meeting the night of July 30 to perfect a state organization to make further protest against the penalty and other regulations deemed unfair to wheat growers.

Hutchinson, Kan.—Members of the Board of Trade held a picnic recently at the summer home of G. D. Estes, president of the Midwest Grain Co. Mr. Estes also entertained more than 1,000 employees and farmer friends at a league baseball game the night of July 25.

Kanona, Kan.—J. A. Stinson, 82, for 40 years in the grain business here, was fatally injured in an automobile accident July 22, when the car in which he rode, the driver's view obscured by a cloud of dust raised by a passing truck on new gravel, crashed into a 7-ton road roller.

Haggard, Kan.—The Farmers Elevator was broken into the night of July 28 and a typewriter, adding machine, case of tire tubes, case of oil, set of pipe cutters and dies, grease gun and an undetermined amount of gasoline were stolen. Two gas pumps were damaged badly in getting the gas.

Atchison, Kan.—The Blair Elvtr. Corp. awarded contract to Horner & Wyatt for design of a warehouse and office unit, to adjoin its present plant. The addition will be of concrete and brick and will house the company's retail feed store. C. H. Blanke is general manager of the corporation.

Stafford, Kan.—The Stafford Grain & Supply Co. recently purchased the filling station equipment formerly owned by the Bell Oil Co., and is operating the station. Leonard Tuckwood, Jake Hager and August Hildebrand will be on duty there, employees of the company to be shifted between the elevator and station as need arises.

Hutchinson, Kan.—Helge Hansen, manager for Goffe & Carkner, Inc., has just received word of the death of his brother, Ingolf T. Hansen, 34, in war. He was killed by a German dive bomber on the bridge of a tanker which he commanded in the Mediterranean last March. He had joined the British forces after the invasion of Denmark.

Dodge City, Kan.—Members of the Kansas Grain, Feed & Seed Dealers Ass'n are urged to co-operate with the Kansas Corporation Commission and the Commission of Revenue & Taxation to enforce the Kansas Itinerant Merchant Law and the new Grain Bushelage Tax Law, violations of which by itinerant trucker merchants is said to be entailing a loss of thousands of dollars in taxes to the state. When buying or selling to itinerants, members are urged to ascertain if the trucker merchants have registered with their county clerks for the payment of the grain bushelage tax and ask to see their cab card which will list commodities which they are licensed to buy, sell and transport under the Itinerant Merchant Law. If they have not complied with both of these requirements, members are urged to notify local county officials, whose duty it is to enforce these laws.—J. F. Moyer, sec'y.

Scoular-Bishop Grain Co.

KANSAS CITY

WICHITA

OMAHA

KENTUCKY

Ashland, Ky.—The Davis Bros. Feed Store was destroyed by fire July 20.

Providence, Ky.—A fire believed to have been started in the power house destroyed the Phoenix Milling Co. plant on the night of July 26.—H. H. H.

Winchester, Ky.—Levi Goff, Sr., 89, former grain and seed buyer and farmer, died Aug. 5, at the home of a daughter in Oklahoma City, Okla. Mr. Goff for forty-five years was head of the Goff & Bush grain, feed and seed business.—A. W. W.

Louisville, Ky.—Thurston B. Morton, vice pres. of Ballard & Ballard, is at the Great Lakes Naval Training Station undergoing training for a commission in the U. S. Naval Reserve, preparatory to an assignment in Washington in the public relations department of the service.—A. W. W.

Hopkinsville, Ky.—The 1,000-bbl. mill of the Acme Milling Co. has been leased to John A. Stout, associated with his brother, C. B. Stout, in the Dixie-Portland Flour Co., Memphis, Tenn. He is now operating the plant under the trade style, Acme Mill. In addition to the flour mill the property includes a feed mill and self-rising equipment.

LOUISIANA

Kentwood, La.—Luther Knight will operate the grist mill recently purchased by his father, W. S. Knight, from W. H. Knox.

MARYLAND

Gaithersburg, Md.—Spontaneous ignition in alfalfa meal caused a bad damage loss in the feed mill property of Herbert Bryant, Inc., on July 24.

MICHIGAN

Lennon, Mich.—Lightning slightly damaged the Frutchey Bean Co. elevator recently.

Unionville, Mich.—The Unionville Milling Co. sustained a small loss at its plant on July 26 from high winds.

Omer, Mich.—The Omer Mill & Elevator Co. sustained a small loss when lightning recently damaged its elevator.

Shaftsbury, Mich.—The Shaftsbury Elevator, which has been closed for several weeks, has been reopened and will be used for government storage.

Burr Oak, Mich.—The Burr Oak Co-operative Ass'n is building a 30x36 ft., four story building on the Old Mill site. Feed grinding equipment will be installed.

Coldwater, Mich.—Carl J. Maetin, 61, vice-pres. of the Michigan Elvtr. Exchange, which has headquarters at Lansing, and manager of the Coldwater Co-op. Co. for 19 years, died July 15 of a heart attack.

Ionia, Mich.—Jonathan Hale & Sons will erect a grain drier at their elevator on South Steele St. The drier will be built between the mill and the elevator building, and will be 50 ft. high, with a capacity of 100 bus. per hour. The G. A. Richards Co. has the contract.

Saginaw, Mich.—Hart Bros. Bean Elvtr. & Co., for which temporary discontinuance of business name papers were filed in the county clerk's office recently, will resume under the same name with three of the original partners, Michael J., Fred C. and George E. Hart. John T. Hart has dropped his interest in the firm.

Saginaw, Mich.—Earl A. Botimer, manager of the Botimer Grain Elevator five miles east of here, was granted a patent, recently, on a bean picking machine, unique in that its screen does a grading job along with cleaning. The machine was perfected several years ago and he has had it on the market for about two years. Mr. Botimer formerly operated an elevator at Bay City, moving here two years ago.

Cass City, Mich.—The Farmers Produce Co. has installed a new grain cleaner, new spouting, dust box and motors at its elevator in a program of complete overhauling given the plant.

Hartford, Mich.—The reported onslaught of termites at the Hartford Co-op. Elevator has been, as Mark Twain once so memorably expressed it in the report of his death "greatly exaggerated"! True, as Ward Plants of the Hartford Co-op. Elevator writes, "termites worked in one timber lying on the ground and one corner settled about 2 inches, but the building certainly isn't eaten up as an over-zealous newspaper reporter has recorded." One can but opine that news certainly must have been scarce for that poor cub writer or his imagination ran riot.

MINNESOTA

New Ulm, Minn.—The Farmers Elevator has installed a new truck scale.

Halstad, Minn.—A storage annex is being built at the Monarch Elevator.

Willmar, Minn.—The Willmar Industries, Inc., is erecting a flax tow mill.

Belview, Minn.—A Farmers Co-operative Elvtr. Co. is being organized here.

Tenney, Minn.—The Farmers Elevator is building a storage elevator near its west elevator.

Wilder, Minn.—Chris Loken, formerly of Windom, is new manager of the J. G. Dill elevator.

Sauk Centre, Minn.—The Farmers Co-operative Elvtr. Co. has completed a 15,000-bu. concrete grain storage elevator.

Brownston, Minn.—Werner Weerts has taken over the hay, feed and straw business formerly operated by the late J. S. West.

Ashby, Minn.—The Farmers Co-operative Elvtr. Co. is building a 42x26 ft. warehouse. Guy Thompson has the contract.

Litchfield, Minn.—The Farmers Exchange Elvtr. Co. is building an elevator, to replace the one recently destroyed by fire.

Littlefork, Minn.—Iron Ingalls is building a structure 24x40 ft. in size, to house his feed and oil business and use as living quarters.

Cokato, Minn.—An electrical breakdown in a light meter caused a small damage to building and stock in the A. K. Johnson mill recently.

Luverne, Minn.—Emil Milberg of Canby has been named manager of the Farmers Elvtr. Co. elevator. He has been in the grain business for the last 25 years, and was manager of the Farmers Elevator at Canby. He succeeds C. J. Bluhm, who resigned after 18 years in the position.

Northfield, Minn.—The Farmers Co-op. Elvtr. Co. will erect a grain storage unit at its elevator. Bids for construction are being received.

North Redwood, Minn.—The North Redwood Farmers Elvtr. Co. recently sustained a small loss when high winds damaged its elevator.

Sebeka, Minn.—The Sebeka Co-operative Co. of which E. E. Aho is manager is building a feed mill and installing a new feed mixer and motor.

Emmons, Minn.—The Speltz Elevator is being repaired and a new scale installed. The driveway is being widened and a feed room will be built.

Butterfield, Minn.—LaVerne C. Vetter, of Ormsby, has taken over the management of the Farmers Elvtr. Co., succeeding Carl L. Olson, who resigned.

Glenwood, Minn.—Ralph Seaman has sold his elevator and coal sheds to the Atlantic Elvtr. Co. C. M. Larson has been retained as manager by the new owner.

Morris, Minn.—Alvin C. Dahl is new manager of the Farmers Union Elevator. The company transferred him here from a similar position at Dwight, N. D.

Greenbush, Minn.—The Co-operative Seed & Grain Co. is constructing an elevator, to join the seed warehouse built last fall. The J. H. Fish Co. has the contract.

Fairmont, Minn.—The Rippe Grain & Milling Co. will build an addition to a warehouse near the mill and elevator on railroad property north of the tracks on North Ave.

Dundas, Minn.—Joe Welder is manager of the Farmers Co-operative Elvtr. Co. elevator, succeeding Leo A. Tschann who is now general manager of the company and located at Northfield.

St. Paul, Minn.—John A. Whaley resigned as supervisor of local warehouses with the railroad and warehouse commission, effective Aug. 1, to become associated with a Minneapolis grain firm.

Odessa, Minn.—Henry Peterson of Mayard will succeed R. R. Bohn as manager of the Farmers Elvtr. Co. elevator. Mr. Bohn resigned recently after having held the position for the last 27 years.

Rothsay, Minn.—The following were elected as officers of the Lake Region Grainmen's Ass'n at a meeting recently held here: President, Leo Kieselbach, Barnesville; sec'y, A. E. Mosbrook, Barnesville; treas., Joseph Salmon, Foxhome, and vice-pres., George Schuller, Breckenridge. A. F. Nelson, of Minneapolis, sec'y of the Minnesota Farmers Elvtr. Ass'n, was one of the speakers.

BANKRUPTCY SALE

August 15, 1941

In Court Room of Referee in Bankruptcy
Bay City, Michigan

All Assets, consisting of Real Estate, Elevators, Buildings, Machinery and Equipment of

CONSOLIDATED GRAIN CORP.

Located at Kawkawlin, Bentley, Turner, Pine River, Linwood, Rhodes and Au Gres, Michigan.

Write or call Bay Trust Company for
catalogue giving complete details of sale.

BAY TRUST COMPANY

Trustee in Bankruptcy

Davidson Bldg.

Bay City, Mich.

Danube, Minn.—The Pacific Grain Co., is raising its elevator and will replace it with a larger structure, wood frame and metal clad, of 45,000 bus. storage capacity. The T. E. Ibberson Co. has the contract.

Northcote, Minn.—M. J. Florence, manager of the Humboldt Farming Co., is constructing a 60,000-bu. annex to the two elevators he has on his farm. This will give him a total capacity of over 300,000 bus. of grain.

Beaver Creek, Minn.—The Co-op. Elvtr. Co. has installed a new elevator leg which will increase its elevating capacity 3,000 bus. per hour and greatly speed up the unloading of grain. E. C. Johnson is elevator manager.

Welcome, Minn.—The Johnson-Olson Grain Co. of St. James has leased a 15-acre tract of land west of here as the site of a new industry where tow and chaff will be removed from flax and where flax will be stored until shipment.

Jackson, Minn.—The Matyas Grain Co.'s new 30,000-bu. elevator is completed and open for business. The firm will buy and sell grain, feed, seed, flour, salt and coal. The owners are H. F. Peters of Willmar, Minn., and T. G. Matyas of Jackson.—F. E.

Wilmont, Minn.—T. J. Enright, who has been manager of the Farmers' Elevator since it was organized 29 years ago, has resigned. He will be succeeded by F. J. Page of Jackson, Minn., who has been with the Farmers' elevator there for the last nine years.—F. E.

Green Valley, Minn.—Fire of unknown origin, out of hand before the arrival of the Marshall fire department, on July 31 destroyed the Monarch elevator and a considerable quantity of oats, barley and corn stored in the building. Ernest Goulet is manager of the elevator.—F. E.

Argyle, Minn.—The coal shed acquired by the McCabe Bros. Co. in its recent purchase of the Argyle Farmers Grain Co. elevator are being covered with a new roof and other repairs made to make them available for additional storage space for approximately 5,000 bus. of grain.

Breckenridge, Minn.—George Schuler, former manager of the Brushvale Elevator, took over the management of the Breckenridge Grain & Seed Co., formerly operated by Frank E. Shepard. He was manager for several years of the Brushvale elevator of the Kent-Doran Grain Co.

Windom, Minn.—O. J. Bartels, formerly of Chandler, has succeeded Chris Loken at the J. G. Dill elevator. Mr. Loken was transferred to the Dill elevator at Wilder. The local elevator is being repaired and remodeled. A 20-ton scale and Strong-Scott Pneumatic Hoist are being installed; the pit is being enlarged and grates added; a new approach and retaining walls are being built and the doors and bins are being raised. The old office is being replaced by a 12x28 ft. structure.

Austin, Minn.—The Austin Grain & Coal property has been purchased by the Pillsbury Flour Mills Co., Minneapolis, and plans are to expand facilities by erection of a warehouse. The property was owned by A. A. Albright, of Austin and Roy Seamann, of Encinitas, Cal. A warehouse, 40x100 ft., will be erected to consolidate its business. Roy L. Miller will continue as manager of the Pillsbury distribution warehouse in the wholesale division and will also manage a new retail feed division. Mr. Albright will remain as superintendent of the retail feed department.

Ivanhoe, Minn.—Wheat marketing quotas and flax disposal were subjects high-lighted in a special meeting of the Western Grainmen's Ass'n of Minnesota July 8. Representatives of the flax crushers, the state railroad and warehouse commission and the C.C.C. were among those invited to be present. It was claimed the state and federal regulations hampered the movement of flax. In view of the storage emergency some method was sought whereby such regulations might be temporarily set aside for the season. It was pointed out that contracting flax was a risky procedure this season and should, under present conditions, be held to a minimum. Harry Saumer and W. H. Wechsler were appointed to the flax com'te. The application of the wheat marketing quota and its effect on the country elevator likewise was a subject that brought forth considerable comment. Among speakers of the evening were George P. Sexauer, Brookings, S. D.; B. C. Hanson, and N. C. Engler. Hosts of the evening were: Farmers Elevator and Utoft Grain Co., Tyler; Farmers Elevator and Sexauer elevators at Lake Benton and Ivanhoe; Farmers Elevators at Arco, Ruthton, Holland; Mangan Elevator and Sexauer Elevator, Elkton, S. D.; Geo. P. Sexauer & Son, Brookings, S. D.; commission firms of Hallet & Carey, Johnson-Olson Grain Co., Cargill, Inc. The regular monthly meeting for August has been canceled because of seasonal rush.

Red Lake Falls, Minn.—The east foundation of the Wylie Co-op. Elvtr. Co. elevator gave way after the bins had been filled with wheat, and the building settling 18 inches on that side, caused the grain bins to burst, spilling the wheat. It may be necessary to rebuild the 30,000-bu. elevator as a result.

St. Cloud, Minn.—The St. Cloud Milling Co., recently organized, is new owner of the H. C. Ervin Co. here and at St. Joseph, Minn. Mr. Ervin, head of the 39-year-old concern, will be retained by the new firm. The local mill has a capacity of 300 bbls. daily. The St. Joseph plant is a feed mill and warehouse. The local plant is being overhauled by the new owners. J. H. Marfield is president, Frank G. Moore vice-pres., and M. W. Sowle sec'y-treas. of the new company. All are of Minneapolis. George Waddick, formerly associated with the Gregory Jennison Grain Co. of Minneapolis, has been appointed manager.

MINNEAPOLIS LETTER

A 1,500,000-bu. addition will be added to the Milwaukee elevator operated by Leval & Co. Jones-Hettelsater Const. Co. has the contract.

Herman Peterson, formerly foreman at the Monarch Elevator, succeeded Paul Christensen as superintendent of the Republic Elevator for Van Dusen Harrington Co.

Trading in 500-bu. lots of flaxseed for future delivery beginning at the opening of the market Aug. 7 was authorized by the directors of the Chamber of Commerce.

Willis S. Williams, 79, manager and treasurer of the Minneapolis Chamber of Commerce Clearing Ass'n since 1891, died July 22. He had been active in the city's grain circles for more than 50 years until his illness last March.

Amending the rules of the Minneapolis Chamber of Commerce governing delivery of barley on future contracts is being considered by the rules committee. It is thought that changes in grades and discounts might make the market more attractive.

Certificates of necessity issued by the National Defense Advisory Commission for grain elevator construction the first part of July included Archer-Daniels-Midland Co., \$61,000; International Elvtr. Co., \$18,000; F. H. Peavey & Co., \$106,000; Van Dusen Harrington Co., \$115,000.

Edward S. Hughes, for the past 40 years associated with the sec'y's office of the Minneapolis Chamber of Commerce, suffered a paralytic stroke about two weeks ago and is in a critical condition. Mr. Hughes returned from a trip to Bismarck, N. D., July 24, apparently suffering from heat prostration. Mr. Hughes for many years has been assistant sec'y of the chamber, and, for a while, acting sec'y and sec'y.

MISSOURI

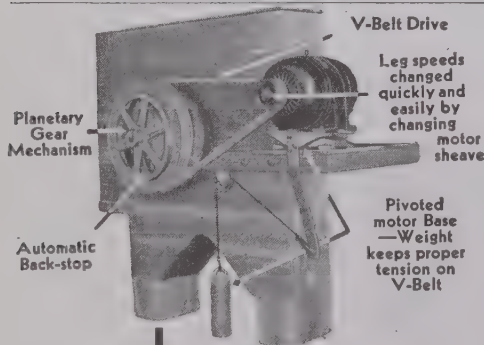
Gilmore, Mo.—The warehouse of A. L. Stevens and E. R. Dirigo was destroyed by fire on July 24, believed to have been kindled by lightning.

Lees Summit, Mo.—Earl L. Reed has bought the interest of C. H. Morgan in the Lees Summit Elvtr. & Grain Co. and is now sole owner of the business.

Kennett, Mo.—The Kennett Grain & Seed Co. is a new member recently enrolled in the Missouri Grain, Feed & Millers Ass'n, Sec'y A. H. Meinershagen reports.

Osborn, Mo.—The Osborn Elvtr. Ass'n recently sold its elevator and business to J. D. Dunham, who has been manager of the elevator for the last seven years.

Higginsville, Mo.—Miss Elvira Meinershagen, sec'y to her father, A. H. Meinershagen, sec'y of the Missouri Grain, Feed & Millers Ass'n, was married to John Willer on July 22. The young couple will make their home in Slater, Mo., where Mr. Willer is music director in the public schools.



Improved Pivoted Motor Base HEAD DRIVE

There are over 2500 Strong-Scott Head Drives in daily use.

Such popularity can only be achieved by efficient and dependable performance.

Write for complete details — find out for yourself why others prefer it.

**Everything for Every Mill, Elevator
and Feed Plant**

The Strong-Scott Mfg Co.

Branch Office: Great Falls, Mont.

Minneapolis Minn.



Edgerton, Mo.—The Edgerton Milling Co. was issued a certificate of necessity by the National Defense Advisory Commission for \$6,000, for grain storage facilities.

St. Joseph, Mo.—The Commander-Larabee Co. is putting its local mill into condition for manufacture of flour next fall. The mill has been closed for the last 10 years.

Carthage, Mo.—The Morrow Milling Co. was granted a certificate of necessity for \$15,000 by the National Defense Advisory Commission, for aid for grain storage facilities.

Prairie Home, Mo.—The city jail, long without inmates, is to be filled—with wheat. A. W. Bodamer has purchased the building, moved it to his farm, and will use it for grain storage.—P. J. P.

Farmington, Mo.—Fire following a dust explosion on the fourth floor of the Giessing Milling Co. about 3:00 a. m. July 28 was quickly extinguished with first aid protection. Resulting loss was small.

Springfield, Mo.—The 1,000-bbl. flour mill of the Eisenmayer Milling Co. has been closed down and will not be operated this year. Unsatisfactory wheat price conditions in the local territory is given as the reason for the discontinuance.

Jefferson City, Mo.—Gov. Donnell on Aug. 7 signed a bill passed by the recent legislature rewriting and revising the state grain and warehouse law. One of its chief provisions extends the licensing features of the law to small elevators and warehouses.—P. J. P.

St. Louis, Mo.—The Service Grain Co. has been formed by Eugene E. Seele and H. L. Boudreau to succeed the Ballard-Messmore Grain Co. J. O. Ballard, president of the latter firm, died recently. The new partners were associated with Mr. Ballard for many years.

Moerly, Mo.—The F. M. Stamper Co. will build a concrete and steel structure, a complete central feed mill. The plant will be equipped for any kind of feed that is produced by a commercial mill and will manufacture the Stamper Quality Brand Feed. Plans for the building are now being drawn.—P. J. P.

St. Louis, Mo.—E. C. Dreyer, president of Dreyer Commission Co., was injured in an automobile accident recently while en route to his home, his knee cap receiving damages that necessitated placing his leg in a plaster cast. Despite the injury, he joined Mrs. Dreyer at Frankfort, Mich., for a short vacation.

St. Joseph Mo.—The Dannen Grain & Milling Co. has purchased the old Grain Belt Mills, which it has leased for the last two years, and plans extensive improvements and expansion of its soybean processing plant. It is located on the lower Lake Road. The property includes a five-and-three-quarter acre tract and nine buildings which the company will use in expanding its facilities for soybean processing, providing increased storage space as well. Most of the feed manufacturing equipment will be moved there. The company's mill at Eighth and Atchison Sts. will continue in operation but will be used largely as a receiving and shipping plant. The Grain Belt Mills plant was purchased from the Missouri Improvement Co., a subsidiary of the Missouri Pacific R. R.

KANSAS CITY LETTER

North Kansas City, Mo.—Lightning damaged the stack at the Midland Flour Milling Co. plant recently.

Wm. E. Deegan, Continental Grain Co., pres. of the local Chapter of the Society of Grain Elevator Supts., announces the regular monthly meetings of the Chapter will be resumed in September.

Lamson Bros. & Co. have divided their local office into two parts, part of the office moving to the fourteenth floor, next to the exchange, where it will be in closer touch with traders, the other division, dealing chiefly in stocks and bonds, taking new quarters in the Commerce Bldg. Wallace Niel is in the grain office at the Board of Trade.

The flour and feed mill building on Guinotte Ave. owned by General Mills Co., was damaged by fire July 19, caused by defective electrical wiring.

Stanley P. Christopher, 65, senior partner of the B. C. Christopher & Co., died unexpectedly July 23 while on a visit to his farm near Stanley, Kan. Altho Mr. Christopher had been in ill health for several years, he remained one of the active members of the firm established by his father. He became a member of the Kansas City Board of Trade in 1899. James K. Christopher and B. C. Christopher, brothers, and Hearne Christopher, a son, are connected with the grain firm.

Kansas City, Kan.—The Continental Baking Co. will erect a 500,000-bu. elevator adjoining the plant of the Rosedale Milling Co., a subsidiary of the Continental.—P. J. P.—Plans to increase the milling capacity of the Rosedale Milling Co. plant to 2,000 bbls. daily also have been drawn. The new grain elevator, the first expansion of local storage facilities in several years, will raise the grain storage capacity of Greater Kansas City mills of all types of storage here to 62,682,000 bus. Construction of the elevator is expected to be completed in about 90 days.

MONTANA

Bozeman, Mont.—The Montana Flour Mills Co. will construct a 100,000-bu. grain warehouse.

Nashua, Mont.—Don Hawbaker, of Peerless, is new manager of the Farmers Union Elevator.

Havre, Mont.—Arthur Potvin was recently re-elected manager of the Farmers Grain Exchange elevator.

Whitetail, Mont.—An annex is being built to the Occident Elvtr. Co. elevator by the Hogenston Const. Co.

Opheim, Mont.—The Farmers Union Elevator will build a 40,000-bu. bin to supplement its storage capacity.

Nashua, Mont.—The Winter-Truesdell-Diercks elevator will build a 30,000-bu. annex. H. J. Loff is the manager.

Poplar, Mont.—The Occident Elvtr. Co. is building an annex to its elevator, the Hogenston Const. Co. having the contract.

Lewistown, Mont.—The Montana Flour Mills Co. will construct a 300,000-bu. grain warehouse, to serve Judith Basin country.

Ft. Benton, Mont.—The Farmers Elvtr. & Trading Co. is completing a 25,000-bu. storage bin adjacent to its elevator. E. N. Colby is manager.

Winifred, Mont.—George L. Tuffley, formerly manager of the Montana Flour Mills Co. elevator at Great Falls, has been transferred to a similar position at the company's local plant.

Plentywood, Mont.—The annex to the Occident Elevator has been completed and elevator No. 2 is undergoing repairs. The elevator has been hoisted 11 inches and other changes are being made. Philip Ziebarth is manager. The Hogenston Const. Co. is doing the work.

Vandalia, Mont.—John David, rancher, purchased the St. Anthony & Dakota elevator building. The elevator company removed its grain from the building and Mr. David will continue in the business of grain storage and seed sales. Henry Mulsinger will remain as manager.

Glendive, Mont.—The Occident Elvtr. Co. is completing the construction of a 31,000-bu., 28x30 ft. and 40 ft. high annex to its elevator. The Hogenston Const. Co. has the contract.

Kalispell, Mont.—James Webster Sherwood, 72, formerly of Redland, Cal., and Great Falls, Ont., died at his home near Lake McDonald July 22. He formerly was manager of the Royal Flour Milling Co.—F. K. H.

Culbertson, Mont.—A 32,000-bu. storage annex is being constructed at the Occident Elevator, to contain six bins and modern equipment. The Hogenston Const. Co. has the contract. T. W. Young is manager of the elevator.

Billings, Mont.—A 40,000-bu. elevator is being constructed by the Farmers' Union Elevator Co. The building will be 30x40 ft. and have a concrete foundation, timber walls and composition roof. John A. Weightman is manager.—F. E.

Roundup, Mont.—Milo Gerdrum, of Grass Range, will assist his uncle, I. F. Anderson, in the operation of the Roundup Elvtr. Co., which has elevators at Roundup, Delphia and Mus-selshell. Mr. Gerdrum has been manager of an elevator at Grass Range.

NEBRASKA

Cozad, Neb.—A storage shed for fertilizer is being built at the Noel Cover Feed Yards.

Big Spring, Neb.—The 60,000-bu. elevator being erected by Dayton Dorn is nearing completion.

Ainsworth, Neb.—Shrimpton Milling Co. reported a small loss the result of high winds on July 20.

Fremont, Neb.—The Marr Soybean Mill is planning to experiment in flax processing, Peter Marr, operator, stated.

Omaha, Neb.—C. E. Grossman, formerly at Enid and later at Hutchinson, has succeeded Arthur Christensen as superintendent for Scoular-Bishop Grain Co.

Berea, Neb.—The Deaver Grain Co.'s storage capacity was increased to 52,000 bus. with the recent completion of an annex.

Huntsman (Sidney p. o.), Neb.—The Farmers Co-op. Grain Co. is operating the south elevator formerly known as the Farmers Elevator.

Dwight, Neb.—Raymond Sedlak of Bee has succeeded Joseph Kalina, resigned, as manager of the Farmers Elevator. Charles Fuxa will assist him.

Belgrade, Neb.—The Beard elevator, just south of here, is again ready for business, operated by the Burns Grain Co., George Ahlers, manager.

Cushing, Neb.—The T. B. Hord Grain Co. elevator once more is in operation after having been closed for some time. Henry Goering is manager.

Bancroft, Neb.—The Homquist Grain & Lumber Co., recently purchased the hardware and lumber stocks and real estate of the Finkbine Bros. Co.

Alliance, Neb.—A 25,000-bu. addition is being constructed at the O. M. Kellogg Grain Elevator, increasing that plant's storage capacity to 100,000 bus.

Hastings, Neb.—Tom Dunn, former manager of the Goffee & Carkner office, again is in charge of the local business. He has been stationed in the company's office at Concordia, Kan.

STRATTON GRAIN CO.

MILWAUKEE, WIS.
CHICAGO, ILL. SPRINGFIELD, O. ST. JOSEPH, MO. NEW YORK, N. Y.
MILL FEEDS — FEED PRODUCTS — BY-PRODUCTS
Consignments and Future Orders Solicited

Pickrell, Neb.—Roy Barrett of Fairbury is new manager of the Farmers Elevator, succeeding Roy Bigley who resigned to accept a similar position at Odell.

Chappell, Neb.—The Farmers Elevator Co. was issued a certificate of necessity by the National Defense Advisory Commission for \$19,000 aid for grain storage facilities.

Lodge Pole, Neb.—Archie Haggard of Doniphan is new manager of the Farmers Elevator, succeeding Martin Peterson who resigned to become manager of a Sidney elevator.

Hallam, Neb.—Lancaster County wheat growers protesting against certain A.A.A. wheat marketing quotas regulations held their second meeting at town hall the evening of Aug. 5.

Omaha, Neb.—W. R. Arends, who has been in charge of the Madison County Feed & Supply Co. at Jackson, Tenn., will manage the new feed supply mill being built by the Ralston Purina Co.

Hay Springs, Neb.—A slipping belt in the elevator head at the Farmers Co-operative Grain Co.'s elevator recently started a small blaze that was quickly extinguished with no damage resulting.

Crawford, Neb.—The local elevator has been opened by Hagemeister, Inc., who leased the elevator recently, with Lou Hagemeister in charge as manager. The firm has elevators at Potter, Bushnell, Non Pareil and Hemingford, Neb.

Gurley, Neb.—The 35,000-bu. elevator owned by Joe Vogt and Charles Deaver has been completed. The new structure is 77 ft. high and 30x32 ft., of crib construction. All equipment is electrically operated. E. R. Hoagland had the contract.

Belgrade, Neb.—When a bolt of lightning struck the ranch elevator just south of town, recently, the building was so well grounded that several men who had stepped in out of the rain, were uninjured. Several light fuses burned out was the extent of the damages.

Kimball, Neb.—Twenty dollars in cash recently was taken from the money drawer in the safe of the Kimball Mill & Elevator, owned by B. W. Larson. The safe was left open during business hours and the money drawer was removed, the money taken, and the drawer replaced.

St. Paul, Neb.—The St. Paul Chamber of Commerce will co-operate in the reorganization of the Farmers Grain & Supply Co. at a meeting to be held Aug. 15. The occasion will be celebrated by all the townspeople and farmers with a special program in the afternoon and free lemonade and picture show.

Lincoln, Neb.—Philip Runyan, sec'y for the Nebraska Lumber Dealers Ass'n, has been appointed sec'y of the Nebraska Grain Dealers Ass'n, and will act as executive sec'y for both organizations with headquarters here. He succeeds J. N. Campbell as sec'y for the grain dealers, Mr. Campbell resigning recently on account of ill health.

Creighton, Neb.—Seth Jones sold his elevators here and at Winnetoon to the Updike Grain Corp. of Omaha, who took possession of them July 19. Siding will be re-nailed and repaired and two coats of paint will be applied; girders will be replaced and other needed repairs made on both elevators. E. R. Johnson will continue as manager of the local elevator.

Ainsworth, Neb.—Willard W. Rogers has purchased the Shrimpton Milling Co., to take possession of the plant on Sept. 1. The plant has been operated by the Shrimpton Milling Co. since 1913 as a flour mill, feed plant and grain elevator. Of the 110,000 bus. capacity which The Rogers Grain & Feed Co., owned by Mr. Rogers, will operate in its two elevators, 60,000 bus. will be available for storage of 1941 wheat. Operation is to be carried on by the Rogers Grain & Feed Co., under the management of Mr. Rogers, owner.

Genoa, Neb.—C. J. Lawson has resigned as manager of the Farmers Co-op. Grain & Milling Co. because of ill health. R. L. Berlin was named to succeed him.

Sidney, Neb.—The Farmers Co-op. Grain Co. will operate the old Grabill elevator on the Union Pacific siding. The company was organized last year but not in time to handle the 1940 harvest. Martin Peterson is manager.

Nebraska City, Neb.—The 160,000-bu. reinforced concrete elevator of the Hart-Bartlett-Sturtevant Grain Co., on the Missouri River, has been completed by the Ryan Construction Co. James Barta, recently manager of the Farmers Elevator at Paul, Neb., is supt. The quotation room adjacent to the elevator is in charge of Fred Nuzum, long in charge of the company's office at Falls City, Neb. E. J. Von Gillern, in charge of the wire service, long served the Duff Grain Co. in the same capacity.

Silver Creek, Neb.—The Silver Creek Roller Mill operated by C. R. Metzger, badly damaged by fire July 16 believed to have started in a truck parked in an enclosed driveway, was completely destroyed in a second fire July 18. Only a small amount of grain was in the plant. Processed feed was stored in other buildings. The engine room along with a diesel engine were saved, a concrete wall between them and the main building aiding firemen to prevent spread of the flames. Cause of the second blaze is unknown. The insurance adjuster was in the mill at the time of the fire, having just finished adjusting the first loss.

NEVADA

Reno, Nev.—Alfred "Hap" Albers, who resigned recently as assistant manager of the Oakland branch of the Albers Milling Co., is embarking in the feed business here with Joe Demming, also of the Albers Milling Co., Oakland. They are purchasing an established feed plant. Prior to going to Oakland Mr. Albers was manager of the Albers Milling Co.'s Portland, Ore., plant.

NEW MEXICO

Wagon Mound, N. M.—Colfax Mills is building a warehouse, to be used for feed storage. The building will be 16x50 ft., frame construction, metal sheathed. M. F. Salazar is manager of the plant.

Silver City, N. M.—The Consumers Co-op. Ass'n, dealers in grain, feed, flour, hay and coal, under the new management of Merle P. Briggs, formerly of Roswell, will remodel its place of business, enlarge and modernize its office, add a display room and revamp its warehouses.

NEW YORK

Oakfield, N. Y.—A warehouse operated by G. W. Haxton & Son, Inc., was totally destroyed by fire discovered about 3:00 a. m., July 12. Stock of beans therein was seriously damaged. The cause of the fire has not yet been determined.

New York, N. Y.—The New York Produce Exchange may change and vary trading fees on cash and future contracts bought and sold on the floor, and regulate fees on commodities inspected, tested or analyzed by the service departments, an amendment to the by-laws granting that power to the board of directors of the exchange having been passed July 23 by a vote of 300 to 116. The board will set fees of 10c and 20c per contract, depending on the type, with provision made for member-non-member transactions. A fee of 10c will be paid on grain inspected and graded on receipt, or graded into vessels for export. The cash grain broker will pay a fee of 5c per 1,000 bus. in each contract in which he appears as broker, and 10c per car of 20 tons or part thereof on each millfeed transaction.

New York, N. Y.—Franklin L. Lewi, of Newark, N. J., a member of the New York Produce Exchange, has been notified by Major Audley H. F. Stephan, chairman of the New Jersey Defense Council, that he has been appointed by Gov. Charles Edison of the State of New Jersey to represent that state on the Com'te on Emergency Control of Primary Food Distribution. This is a sub-com'te of the Metropolitan Defense Transport Com'te, of which Billings Wilson, ass't general manager of the New York Port Authority is chairman. Mr. Lewi, of the Continental Grain Co., is well known in the grain and feed trade and has been active in the affairs of the New York Produce Exchange for many years.

BUFFALO LETTER

Most of the available 5,000,000 bus. of space here are under contract either to the government or to private shippers.—G. E. T

Richard T. O'Brien, Grain Handling Co., Inc.; Thomas C. O'Brien, Superior Grain Corp., and Harry C. Wilson, Lake Grain Forwarding Co., have been appointed to the Port and Waterways Facilities Com'te of the Buffalo Chamber of Commerce.—G. E. T.

Buffalo, N. Y.—The Rex Grain & Milling Co., Inc., recently elected Chas. B. Weydman, president, and Albert S. Krotz, vice-pres. Mr. Krotz has been with the Rex Grain & Milling Co. since its founding and in addition to his executive duties will continue as production manager.—G. E. T.

Meetings of farmers in the territory served by the Co-op. Grange League Federation Exchange, Inc., which comprises several hundred communities in New York and Pennsylvania, are holding meetings to decide on policies under the new G. L. F. reserve-feed storage program, agreed upon in July between the U. S. Dept. of Agriculture and G. L. F. It calls for the manufacture of 100,000 tons of feed to be stored on farms as insurance against non-delivery of feed during the defense emergency. Non members as well as members of the G. L. F. are attending these meetings, held in centers near here.—G. E. T.

Patrons of the Grange League Federation, meeting in Dansville on Aug. 6, voted for the federation to establish mixing plants outside the federation's local mill, to take care of the patrons' feed requirements. This action was brought about by the shutdown of the Grange League Federation Exchange, Inc., plant due to a strike that has kept the federation's 1,000,000-bu. grain elevator idle and empty as well. The strike of the Feed, Flour & Cereal Workers Union has been in effect at the mill for several weeks. Other local feed mills originally affected, have settled their differences with the union and resumed operations. Mixing plants that can be utilized by the federation are located at Batavia, Hornell, Perry and Groveland.—G. E. T.

NORTH DAKOTA

Cando, N. D.—The Cando Mill & Grain Co. is enlarging its bin capacity.

Benedict, N. D.—The Osborne-McMillan Elevator Co. is remodeling its elevator.

Buchanan, N. D.—The Occident Elevator will construct an addition to its elevator.

Golva, N. D.—The Occident Elevator Co. is erecting a 20,000-bu. annex to its elevator.

Martin, N. D.—Lightning striking the Farmers Elevator on July 29 damaged the roof.

Glen Ullin, N. D.—The Occident Elevator is building a storage annex, capacity 30,000 bus.

Esmond, N. D.—The Farmers Equity & Trading Co. is building an annex to its elevator.

Westhope, N. D.—The Farmers Elevator Co. is building a 30,000-bu. annex to its elevator, which will give it a storage capacity of 160,000 bus. A. J. Helgeson is manager of the elevator.

Calvin, N. D.—Pete Hendrickson has purchased the Winter-Truesdell Diercks Co. elevator.

Forman, N. D.—The Farmers Co-op. Elvtr. Co. recently completed an addition to its elevator.

Edgeley, N. D.—Irvine E. Officer, 77, for 24 years engaged in the country grain business, died recently.

Minot, N. D.—The Minot Co-op. Grain Ass'n is constructing a 25,000-bu. grain storage annex to its elevator.

Devils Lake, N. D.—The Farmers Mill & Elvtr. Ass'n will build two warehouses and a cleaning plant.

Turtle Lake, N. D.—The Occident Elvtr. Co. is remodeling and enlarging its elevator to make room for the 1941 crop.

Baldwin, N. D.—A 400,000-bu. emergency addition is being built to the grain elevator owned by the Peavey Elevators.

Hazen, N. D.—The Farmers Elvtr. Co. will construct a 57,000-bu. storage elevator, crib type, frame with sheet metal covering.

Northwood, N. D.—William Lee was re-named manager of the Equity elevator at a recent meeting of the Equity Elvtr. Co.

Nash, N. D.—The Nash Grain & Trading Co. is building a 43,000-bu. annex to its elevator. The new building will have 16 bins.

Dwight, N. D.—Carl C. Corder, formerly of Brocket, has succeeded Alvin C. Dahl as manager of the Farmers Union Elevator.

Drake, N. D.—The Occident Elvtr. Co. has moved its elevator at Funston, closed for the last five years, to the site of its local elevator.

Rolla, N. D.—The St. Anthony & Dakota Elvtr. Co. has purchased the Imperial elevator. Dale Roberts is the company's local manager.

Edgeley, N. D.—Lightning coming in on power wires did considerable damage to the Russell-Miller Milling Co. elevator on June 18.

Wild Rice, N. D.—Henry Cave, of Bertha, Minn., has moved to Wild Rice where he will operate an elevator for the Goldberg Elvtr. Co.

Emerado, N. D.—Alfred Malm was re-appointed manager of the Farmers Co-op. Elvtr. Co. elevator at the company's recent annual meeting.

Bisbee, N. D.—Alvin Larson was chosen chairman and Oscar Dahl, sec'y, at a re-organization meeting of the Farmers Elevator recently held.

McClusky, N. D.—The Occident Elvtr. Co. is building a warehouse and plans to construct a 20,000-bu. annex to its elevator. L. R. Engel is manager.

Dresden, N. D.—Reuben Brehmer has succeeded John Knudson as manager of the Hubert Grain Co. elevator. Mr. Knudson is located at Langdon.

Thelan (Beach p. o.), N. D.—The Occident Elevator is erecting a 20,000-bu. annex to its elevator here and at Golva. The Hogenson Const. Co. has the contract.

Spur (Newville p. o.), N. D.—Don Nicholson is building a 40,000-bu. elevator, 31x37 ft. and 80 ft. high. John Menske is the contractor in charge of construction.

Forfar (Lansford p. o.), N. D.—W. D. McGraw, manager of the Cargill, Inc., elevators, and Miss Doris Rusch of Sherwood, N. D., were married recently.

Blabon, N. D.—The St. Anthony & Dakota Elvtr. Co. elevator recently was sold to the International Elvtr. Co. and is being operated in connection with its elevator.

Voltaire, N. D.—The Farmers Elvtr. Co. is planning to build additional storage units. At the company's recent annual meeting Einar Nerland was re-named manager.

Hettinger, N. D.—The L. V. Duncanson Elevator recently installed a new cleaner and automatic loading scale and increased its storage capacity by construction of new bins.

Pickert, N. D.—O. A. Widmark will be manager of the International Elvtr. Co. elevator beginning this fall. He formerly was manager of the St. Anthony & Dakota Elvtr. Co. elevator at Blabon.

Velv, N. D.—The Osborne-McMillan Elvtr. Co. will erect three grain storage bins, of wood construction and ranging in capacity from 20,000 to 22,000 bus. each. Vernon Molden is elevator manager.

Hazen, N. D.—Ralph Jacobs of Sanger has succeeded Dick Greve as manager of the Occident Elvtr. Co. elevator. Mr. Greve recently resigned to accept a position as manager of an elevator at Denver, Mont.

Garrison, N. D.—The Farmers Union Elevator is building a 40,000-bu. annex, increasing its storage capacity to 85,000 bus. Otto Schneider has the contract. Max Marcil is manager of the elevator.

Gackle, N. D.—Christian W. Jenner, 58, manager of the Farmers Co-operative Elevator, died July 27, in a Jamestown hospital. He was stricken with encephalitis following a paralytic stroke suffered last winter.

Arnegard, N. D.—Melvin Johnson of Williston was named manager of the Farmers Co-op. Elvtr. Co. elevator at the recent annual meeting held by directors of the company, formerly known as the Farmers Elvtr. Co.

Langdon, N. D.—John Knudson, formerly of Dresden, has taken over the management of the Langdon Grain Co. elevator, succeeding Emil Pfeifle. A new cleaner and new head drives and motors are being installed in the elevator.

Sutton, N. D.—The Farmers Union Elvtr. Co. is building a 15,000-bu. annex to its elevator, consisting of two bins. The company also purchased the old Greenland machine shed which it is converting into a grain storage bin of 20,000 bus. capacity.

Ray, N. D.—The Farmers Union has purchased the Farmers elevator owned and operated by A. H. Maides. Cecil Daniels has become manager of the Farmers Union elevators owing to resignation of Mr. Tofte. Mr. Maides will retire from business.

Ellendale, N. D.—The Ellendale Farmers Union Co-operative Elevator will be rebuilt, plans for the construction now being under consideration. Work already is underway on the driveway, office and warehouse. Fred Dettloff is manager of the elevator.

Wyndmere, N. D.—Oscar Holte of Fullerton has accepted a position as manager of the Farmers Elvtr. Co., taking the place made vacant by the death of J. L. Olson.

Barney, N. D.—Lawrence Bjugstad is new manager of the Farmers Elevator. He has been with the Finley Farmers Grain & Elvtr. Co. for a number of years as assistant manager.

Benson (Litchville p. o.), N. D.—The Nordhousen Supply Co. of Leeds recently purchased the Niles elevator from Cargill, Inc., and placed G. K. Myhre, of Churchs Ferry, in charge as buyer.

OHIO

Toledo, O.—The grain and feed plant of the Borden Co. has been sold to the Lewis Dairies, Inc., of Pittsburgh.

Cortland, O.—The Richards Milling Co. added an electric manlift to its plant, bought from the Sidney Grain Machy. Co.

Ft. Loramie, O.—The Middendorf Elevator was enrolled recently as a new member in the Ohio Grain, Mill & Feed Dealers Ass'n.

Clyde, O.—The Irvin T. Fangboner Co. recently purchased an attrition mill with two motors from the Sidney Grain Machy. Co.

Cincinnati, O.—Roy G. Gardner, formerly in the office of the Lawrenceburg (Ind.) Roller Mills for 29 years, is now in the employ of the Early & Daniel Co.

Ney, O.—The Ney Co-op. Grain Co. elevator was broken into by thieves over the July 19-21 week-end, the second time in six weeks. Nothing of value was taken.

Oakwood, O.—The Oakwood-Hartsburg Elvtr. Co. has been incorporated, incorporators, L. A. Schomaker, Earl Jones and Clarence G. Alt; 100 shares of stock, n.p.v.

Eldorado, O.—The A. V. McClure elevator, operated for many years by the late A. V. McClure, has been purchased by his nephew, Harry B. McClure, and Harris B. Miller. The latter operated a trucking business while Harry McClure has been employed at the elevator.

Toledo, O.—A. A. Bame, who recently resigned as president of the Toledo Soy Beans Products Co., has taken over a 200,000-bu. elevator and warehouse which was formerly operated by the Larowe Milling Co. as a soybean unit, and is now engaged in business on his own account.



Russell Grain Co.
Hilliards, Ohio

RUSSELL GRAIN CO. ELEVATOR

HILLIARDS, OHIO

has

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Direct Heat

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in a Hess Standardized
Steel Building

They're Profit Makers

HESS WARMING AND VENTILATING CO.

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CHICAGO, ILLINOIS

Eldean (Troy p. o.), O.—The Altman Milling Co. is building a 250,000-bu. annex that will bring its grain storage capacity to more than 900,000 bus. The new structure, fourth to be constructed by the company, will be located north of the other three now in use. The A. Clemans & Sons Co. has the contract.

Findlay, O.—Elevators in this area can handle all the commercial grain offered, it was announced, following the embargo placed on wheat elsewhere because of over-taxed storage facilities. J. C. Hochstetter of the J. C. Hochstetter & Sons Elevator stated his firm was buying all the commercial wheat that was offered for sale. Other local elevators reported the same condition. However, they are not taking any wheat under loan to the government as storage facilities in other cities can not handle it. There are no bonded warehouses here.

Stony Ridge, O.—The Elliott & Beasley grain elevator was destroyed by fire Aug. 4 with a loss estimated at several thousands of dollars. Flames from a grass fire are believed to have ignited the dust house, traveling into the elevator by the dust chute. Farmers hauling grain to the elevator discovered the flames. Dumping their grain in a field, they hurriedly hauled from the burning building the safe, scale, other equipment and loads of feed. Included in the loss were 4,000 bus. of wheat and 2,000 bus. of oats. A. E. Elliott, Waterville, operated the elevator.

Upper Sandusky, O.—Overtaxed by too much pressure from nearly 8,000 bus. of newly threshed wheat, the west side of the new William Gregg & Sons elevator gave way the night of July 15, releasing grain from one of the six bins. When bulging about 20 ft. from the ground near the middle of the side was noticed, men went to work at once to remove the stored wheat, but the iron rods pulled loose and broke, spilling the wheat. Practically all of the grain was salvaged, a gaping hole torn in the west side of the bin constituting the heaviest damage. Business continued as usual at the elevator.

Columbus, O.—The Ohio Grain, Mill & Feed Dealers Ass'n has authorized Sec'y W. W. Cummings to arrange for an exhibit at the Ohio State Fair grounds in September. The following were named as a com'tee to carry out the plan: Elton Kile, chairman; H. E. Frederick, Marysville; H. W. Heffner, Circleville; R. H. Brundige, Kingston; D. B. Walker, Circleville; John Eshelman, Circleville; Robt. L. Early, Cincinnati; E. M. Ellis, Urbana; E. H. Kieser, Toledo; Avery Dodge, Marion; Harry Iams, Dayton; G. E. O'Brien, Greenville. Members are urged to send to the sec'y any novel or new suggestions pertaining to the proposed exhibit.

OKLAHOMA

Mangum, Okla.—The Mangum Mill & Elvtr. Co. has increased its capital stock from \$10,000 to \$28,100.

Waukomis, Okla.—The Waukomis Co-op. Supply Co. sustained a small loss as the result of recent high winds.

Goodwell, Okla.—An elevator recently was constructed by Riffe Bros. The company also has a new elevator at Baker.

Woodward, Okla.—The Woodward Co-operative Elvtr. Ass'n has increased its capital stock from \$10,000 to \$25,000.

Cushing, Okla.—The Hancock Feed Co. has completed installation of an enclosed geared head drive, bought from the Sidney Grain Mach. Co.

Union City (Union p. o.), Okla.—The Farmers Grain Co. has installed an overhead Electric Truck Hoist, bought from the Sidney Grain Machry. Co.

Bridgeport, Okla.—The Kingfisher Mill & Elvtr. Co. has completed construction of an elevator on the site of the one that was destroyed by fire last August.

Shawnee, Okla.—The Shawnee Milling Co. was granted a certificate of necessity for \$55,000 for aid for grain storage facilities, by the National Defense Advisory Commission.

Okeene, Okla.—Following the death of his father, Louis Vogt, Harvey Vogt has been appointed manager of the Feuquay Grain Co. elevator. He operated the elevator for the last several weeks during the illness of his father.

Helena, Okla.—The Farmers Co-operative Ass'n has completed its 25,000-bu. concrete elevator in time for the harvest, increasing its storage capacity to 130,000 bus. G. F. Pereboom is manager. The A. F. Roberts Const. Co. has the contract.

Hugo, Okla.—Fire started from the exhaust of a truck which ignited loose shucks on the ground near a building of the Hugo Milling Co. damaged the structure on July 29. Fire believed to have started by spontaneous combustion in hay damaged one of the company's barns on July 11.

El Reno, Okla.—The El Reno Mill & Elvtr. Co. celebrated a year of work without a lost-time accident with a picnic July 26 for its employees and their families. A 6 o'clock dinner concluded the day's festivities. The outing was won in competition with other plants operated by General Mills, Inc., thruout the southwest.

Baker, Okla.—The elevator recently completed for the Texhoma Grain Co. by A. F. Roberts Const. Co. has a capacity of 125,000 bus., and is of wood construction, dimensions, 96x36 ft. x 46 ft. high to the plate line. It is equipped with a 4,000-bu. per hour leg., with 14-inch screw conveyor at top and bottom; electric over-head truck lift and all latest machinery.

Enid, Okla.—Farmers in 13 northwest Oklahoma counties and one southern Kansas county organized as a group to join with groups in Kansas and Missouri in a revolt against an A.A.A. penalty of 49c a bushel on excess wheat. The Kansas parent body announced it would become the National Agr. Producers Ass'n to wage its fight on a nation-wide scale. A federal court suit, attacking validity of the federal penalty, was filed at Oklahoma City.

Dacoma, Okla.—The Farmers Elevator has opened its new elevator. The all concrete structure stands 144 ft. high, 120 ft. from the foundation to the head house which is 24 ft. high. There are 15 grain bins, four with a capacity of 17,000 bus. each; two, capacity 8,000 bus. each; nine of 4,500 bus. each. The plant has an elevating capacity of 5,000 bus. per hour. A 25-h.p. motor in the headhouse drives the belt. Another 3-h.p. motor operates the man-lift. A 24-ton truck scale has been installed and the elevator is equipped thruout with modern machinery.

PACIFIC NORTHWEST

Lowden, Wash.—The elevator built by Ray Small is ready to receive grain.

Emmett, Ida.—The Farmers Feed & Seed Co. has put a new roof on its building.

Spokane, Wash.—The Inland Empire Milling Co. recently filed notice of voluntary dissolution.

Meridian, Ida.—The Caldwell Milling & Elvtr. Co. elevator has been opened for the season's business.

Houser Siding (Pomeroy p. o.), Wash.—The Sleeman Elvtr. Co. sustained a small loss from high winds in July.

Lewiston, Ida.—Fire originating in an attrition mill did some damage in the Nezperce-Roller Mills recently.

Riverton, Wash.—Edgar J. Miller, 75, operator of the Riverton Feed Co. for the past 23 years, died recently.

Kahlotus, Wash.—The 1,500 acres of land burned over early this week, of which 1,000 acres were wheat, was insured.—F. K. H.

Worley, Ida.—Ed Johnson, formerly with the Cheney Grain Growers as bookkeeper, is new manager of the Worley Grain Growers, Inc.

Portland, Ore.—The Centennial Flouring Mills Co. has opened a grain buying office with Jack Barr, former assistant in the Seattle office, in charge.

Hartline, Wash.—The Farmers Union Grain Co. is constructing two grain storage bins which will increase the elevator's present capacity by 35,000 bus.

Pasco, Wash.—Construction of the elevator on the Columbia River for the Continental Grain Co. is well under way. The Hogenson Const. Co. has the contract.

Rocklyn, Wash.—Leland Boyk will have charge of the Sperry Flour Co. warehouse during harvest, which has been put in readiness to receive the large wheat crop.

Omak, Wash.—A grain elevator is being added to the Bradley Drive-In Market in East Omak. Demand for more grain storage space necessitated the elevator addition.—F. K. H.

Rosalia, Wash.—Earle Wood, grain man, has purchased the Charles V. Harbour warehouse of the Harbour family. The building will be used for storage and later razed, to be rebuilt this spring.

Grangeville, Ida.—The T. E. Robinson grain elevator is adding a pea sack warehouse, 48x100 ft. in size, to its facilities. A modern pea cleaner is being installed and a fumigation room included in the warehouse's equipment.

Kennewick, Wash.—Work on the new grain elevator and spur track at the Kennewick port district is progressing rapidly. The loading elevator is more than half constructed, with the loading platform practically completed.

Davenport, Wash.—Harold Davis will have charge of the Sperry Flour Co. warehouse during the harvest. His twin brother, Garold Davis, is manager of the company's warehouses here and at Creston and Rocklyn, with headquarters at Creston.

The Dalles, Ore.—At a stockholders meeting, with 64 per cent of stock represented, The Dalles Co-operative Union authorized its board of directors to negotiate with Kerr, Gifford & Co. for sale of a concrete elevator at a price of \$15,000.—F. K. H.

Waterville, Wash.—The Waterville Union Grain Co. has completed the addition to its elevator and now is cribbing inside the sack house in preparation for storage of bulk wheat. When completed, it will give the company storage capacity of about 240,000 bus. of grain.

Pocatello, Ida.—The Pocatello Mill & Elvtr. Co. expects to have its 500,000-bu. elevator completed by Aug. 15, Fred A. Burtin, manager, stated. The new bins will more than treble the storage capacity of the present mill. The elevator has 16 large and 19 small storage bins.

Jerome, Ida.—The Jerome Mill & Elevator is adding to its wheat storage facilities. The space between the mill and elevator is being cemented up and when improvements are completed, will hold several thousand bushels of wheat and can be filled by means of present equipment.

Oakesdale, Wash.—The Oakesdale Flour Mill is putting its elevator in shape for handling and storing grain. Alloway & Georg have the contract. The elevator had swayed toward the north, ending up four inches out of line. It was put back in plumb and the building rebraced.

Portland, Ore.—The new marine elevator at Interstate Terminals went into service last week. The lift was installed by the Moline Elevator Co., and consists of an all-steel car 12 feet wide and 28 feet long, which connects river boats and barges with both levels of the terminal. This is the second marine elevator installed in the terminal.—F. K. H.

Seattle, Wash.—William H. Burt, vice-pres. and general sales manager of the Centennial Flouring Mills Co., retired on Aug. 1, after 43 years with the company. Howard Taylor has succeeded him. Mr. Taylor has been with the company for 22 years, much of this time in Tacoma.

Nez Perce, Ida.—Both the Rochdale and T. E. Robinson Grain Cos. have been rushing rebuilding operations to be ready for the harvest season. The Rochdale Elevator has installed a new truck scale with its new office and approaches to it have been completed. The Robinson company's new elevator, begun last spring, is practically completed and its new equipment installed.

Soap Lake, Wash.—According to Ordinance No. 97—relating to licenses for, and regulating certain occupations, trades and lines of business carried on here and providing penalty for violation thereof, repealing Ordinance No. 15, 16, 43 and 48, Growers Ass'ns and Grain Dealers—any person, firm or corporation engaged in the buying and selling or the assembling for shipping purposes of grain or agricultural products, shall pay a license fee of \$15 per year.

Monroe, Wash.—Under the auspices of the Chamber of Commerce a meeting was held here the evening of Aug. 4 to discuss the possibility of making flax an agricultural and industrial program in this county. Prof. G. H. Hyslop of the Oregon State College was present and gave a report of the study of the flax industry in Oregon. It is planned to utilize the old Carnation milk plant as a processing center should it be decided to establish the industry here.

Eltopia, Wash.—A 130,000-bu. grain elevator, built last year, was destroyed by fire on July 24 along with 100,000 bus. of wheat it contained. Altho the fire was discovered before it had gained much headway, little could be done to save the building because the town is without fire fighting equipment. Principal owners of the building are Henry Vogler and Keneth Owsley of Connell. Insurance covered the loss of grain and partial loss of the building.

Pendleton, Ore.—Ernest Goetsch, assistant miller at the Western Milling Co., after three and one-half years, averaging six hours a day, has his model Dutch windmill lacking only about six more months of spare time to complete. Hand carved wooden gears will drive the mill when it is finished. Machinery so far completed is intricate and perfect. The mill, like the one in Rotterdam, has living quarters on its first floor, which will be furnished with miniature furniture.

Vancouver, Wash.—A small amount of grain dust accidentally kicked into the large malt storage tank at the Great Western Malting Co. plant and elevator after it had been cleaned caused a minor explosion, principal damage of which was to a workman's nerves. John Cassidy of Portland was inside the tank repairing a pipe with a blow torch when he heard a hissing noise and saw the flash of a small flame. He hastily hoisted himself hand over hand up a rope and over the edge of the tank as the explosion occurred.

Walla Walla, Wash.—Grain dealers of the area have reported a definite shortage in storage facilities for bulk wheat and give as the cause the record yields and the high cost of wheat sacks. Most growers are bulking their wheat, because sacks are selling at 18½ cents each. Unheard of is the 40-bu. per acre average on the light soil of the Eureka and Touchet district. All wheat storage elevators, operated by the large coastal companies, are full, as are elevators managed by the Walla Walla Grain Growers' Ass'n and the Farm Bureau. Warehouse facilities for handling sacked wheat are still available. Certain heavy-yield crops are averaging from 50 to 60 kernels per head of wheat.—F. K. H.

Seattle, Wash.—The A. F. of L. affiliated flour and cereal workers' union have called a strike on the Fisher Flouring Mills Co. and the Albers Bros. Milling Co., which also affected mills at Tacoma, Spokane and Portland. The union, asking a 12½ cents an hour wage increase, rejected the North Pacific millers offer of 7½ cents which the millers stated would have made them the best paid in the nation.—F. K. H.

Oakesdale, Wash.—A. J. Addington, Worley, Ida., has been named manager of the Oakesdale Grain Growers, Inc., to succeed John McCoy, resigned. Mr. Addington is thoroughly experienced in the grain business. He has been associated with the North Pacific Grain Growers as local manager at Worley for the last two years. The Oakesdale Grain Growers is installing new high speed buckets in its local elevator, Louis Delivuk having the contract. Six additional bins have recently been completed in the warehouse adjoining the elevator.

Portland, Ore.—The Grain Com'te of the Portland Merchants Exchange on July 25 adopted the following amendments to the trading rules of the exchange, effective that day: Rule 2, Sec. 17. "On all deliveries of wheat seller must furnish the buyer with the invoice from the warehouseman, elevator operator, feeder, or other processor, or in lieu of the invoice Form Wheat 521 properly executed, as described in the United States Dept. of Agriculture Adjustment Administration Regulations Wheat 507, pertaining to Wheat Marketing Quotas for the 1941 crop of wheat."

Ferdinand, Ida.—The Lewiston Grain Growers, Inc., elevator and 35,000 bus. of grain it contained, were destroyed by fire the evening of July 25. The Ferdinand Elvtr. Co.'s elevator, 300 ft. distant, fortunately not in the path of a brisk wind that was blowing, was saved. Ernest Richards, manager of the elevator, and a helper, smelling smoke, discovered the blaze in an elevator leg. The shaft, acting as a chimney, carried the flames through the structure. Sleeve type bearings were used in the equipment. John W. Shepard, Lewiston Grain Growers manager, stated, in discussing possible cause of the fire. The plant's machinery had just been overhauled and repaired for the harvest. W. J. Morrell, contractor, who accompanied Mr. Shepard here, stated it would be impossible to build an elevator soon enough to care for this year's crops. Space, however, will be provided for local customers at the Craigmont and Cottonwood plants. Mgr. Richards probably will be stationed at Winchester for the season, it was announced.

PENNSYLVANIA

Harrisburg, Pa.—D. Bailey Brandt, 73, pioneer grain expert in this area and president of the Paxton Flour & Feed Co., died in the Harrisburg Hospital on July 21.

Franklin, Pa.—George P. Gaiser, 61, manager of the Franklin Feed & Supply Co. store on 13th St., died while undergoing an operation at Franklin Hospital July 24.—G. E. T.

Elizabethtown, Pa.—Fire of undetermined origin badly damaged the grain elevator on the property of Grubb & Breneman, coal and feed merchants, July 29. The loss is covered by insurance.

SOUTH DAKOTA

Ahnberg, S. D.—The Farmers Elvtr. Co. elevator has been repaired.

Ipswich, S. D.—The Victoria Elvtr. Co. will erect a grain storage building.

Canton, S. D.—A new 30-ton scale is being installed at the Farmers Elevator.

Beardsley, S. D.—Charles Zehnpfennig is building an addition to his elevator.

White, S. D.—H. E. Denhart & Son are erecting an annex to their elevator.

Faith, S. D.—The Bagley Elvtr. Co. is constructing an addition to its elevator.—F. E.

Parkston, S. D.—The H. G. Rempfer elevator was badly damaged by high winds in July.

Pierre, S. D.—A. P. Smith is new manager of the Sheldon F. Reese Elvtrs., Inc., elevator.

Hillsview, S. D.—The Hillsview Elvtr. Co. elevator was badly damaged by high winds in July.

Selby, S. D.—The Selby Equity Union Exchange will erect a 30,000-bu. capacity storage plant.

Hammer, S. D.—The Victoria Elvtr. Co. is erecting a 12,000-bu. storage annex at its elevator.—F. E.

Milbank, S. D.—A 52,000-bu. concrete annex is being built to the DeWerd Milling Co. elevator.—F. E.

Spencer, S. D.—The Producers Marketing Co. is building a 20,000-bu. annex to its elevator.—F. E.

Bovee, S. D.—The Shanard Grain Co. recently purchased a local elevator to be used for storage purposes.

Groton, S. D.—The George C. Bagley Elvtr. Co. is building a 50,000-bu. storage annex to its elevator.—F. E.

Plankinton, S. D.—The Fuhner Elvtr. Co. elevator was damaged by high winds recently. The loss was small.

Castlewood, S. D.—Thirteen bales of twine were stolen from the Peavey Elvtr. Co. warehouse recently.—F. E.

Java, S. D.—The Equity Elevator is installing a new truck scale and a lift. The Zweber Const. Co. has the contract.

Ipswich, S. D.—Ipswich elevators have been enlarged thru construction of annexes to hold an additional 37,000 bus.—F. E.

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Bonilla, S. D.—The Sheldon F. Reese Elvtr. Co. is erecting a grain storage annex to its elevator to be 70x24 ft. and 17 ft. high.

Oelrichs, S. D.—An addition is being built to the elevator of which Harold Allen is manager, that will increase its storage capacity 10,000 bus.

Bath, S. D.—Construction of a 30,000-bu. annex by the Osborne-McMillan Elvtr. Co. is nearing completion. Joe Bishop is local manager.—F. E.

Mahto, S. D.—The Farmers' co-operative elevator Ass'n of McLaughlin has opened its branch elevator with Alvin Ackerman in charge.—F. E.

Wilmot, S. D.—A \$3,000 addition to the Osborne-McMillan elevator is scheduled for August. The work is being done by W. S. Cleveland.—F. E.

McLaughlin, S. D.—The Maple Leaf elevator, closed for several years, will be re-opened under the management of W. E. Kurle, to be used for grain storage.

Mansfield, S. D.—A 20,000-bu. annex is being built to the Peavy Elevators' elevator, managed by Ed Angerhofer, that will nearly double the capacity of the present elevator.

Garden City, S. D.—A profit of \$3,954.44 was reported by the Garden City Farmers Elvtr. Co. at the annual stockholders' meeting. Otto Thoe was re-elected manager.—F. E.

Bowdle, S. D.—At the stockholders meeting of the Farmers Equity Elvtr. Assn' Fred Stotz was renamed manager, with John B. Buechler, pres.; John C. Cross, sec'y-treas.—F. E.

Hitchcock, S. D.—The Sheldon F. Reese Elvtr. Co. recently purchased the old Farmers Elevator and is repairing it. Ross Keeley is the manager, Stanley McKiehan, assistant.

Willow Lake, S. D.—The old Cargill elevator is being repaired, to be used as a second elevator for grain storage by the St. Anthony Elevator Co. George Cluett is manager.—F. E.

Milbank, S. D.—The Whetstone Valley Co-op. Market Ass'n, recently organized, plans to build an elevator. The ass'n was capitalized at \$75,000; E. J. Hublou, pres.; Francis Hefferman, sec'y-treas.

Geddes, S. D.—Ray Lindsley, formerly manager of the Carlson-Hansen Grain Co. (Cargill, Inc.) elevator at Delmont, has been transferred to the company's local elevator. The Delmont elevator was sold recently.

South Shore, S. D.—Steps have been taken toward the organization of a Farmers Co-operative elevator to replace the present Farmers Grain & Fuel Co. Articles of incorporation will be filed. Harry Schmeling was elected president of the new company; William Redlin, sec'y-treas. The new organization will purchase the Farmers Grain & Fuel Co. building and equipment.—F. E.

Thomas, S. D.—The N. W. Smith elevator was sold to the Peavey Elevators of Minneapolis. The new owners will make extensive improvements. The elevator will be re-constructed for storage and a grain dump will be installed.

Harrisburg, S. D.—Patronage dividend of four per cent, in addition to a stock dividend of eight per cent was declared by the Farmers' Co-operative Elvtr. Co. All officers were re-elected and Sidney E. Bemis was renamed manager.—F. E.

DeSmet, S. D.—A Farmers Co-operative Elvtr. Ass'n has been organized with Albert Larson as president and Roy Johnson as sec'y-treasurer. The P. Jorgenson elevator has been purchased and Mr. Jorgenson retained as manager.—F. E.

Mobridge, S. D.—The Brown elevator of 30,000 bus. capacity has been leased by W. E. Kurle of McLaughlin. All of the old wheat which was stored in the elevator last spring, totaling 3,000 bus., was shipped to terminal markets.—F. E.

Wessington Springs, S. D.—A high wind wrecked a 15,000-bu. grain storage bin under construction by the Jerauld County Farmers' Union Elevator Aug. 1. The structure was about completed but not braced sufficiently to stand the strain.—F. E.

Mobridge, S. D.—Commercial elevator space in Walworth County is estimated at 150,000 bus. while the wheat crop is expected to total more than 1,000,000 bus. Many farmers are constructing storage bins and elevators to take care of the surplus.—F. E.

Britton, S. D.—The Farmers Elevator has been closed down while alterations and improvements are being made. A new 20-ton scale is being installed and the floor of the scale will be equipped with a double hoist. Geo. Elsom is in charge of the work.

Faith, S. D.—Purchase of the O'Laughlin elevator and plans for the construction of a 50,000-bu. elevator were announced by the Tri-State Milling Co. of Belle Fourche. The elevator has been reopened after being closed for two years. Construction of the new storage house is expected to attract grain from 80 miles away since Faith freight rates to markets are five per cent lower than Newell, Sturgis and Wall.—F. E.

Watertown, S. D.—Conversion of the former Northwestern Public Service Co. light plant building into a 210,000-bu. grain elevator has been begun by the Watertown Co-operative Elvtr. Ass'n. Cost of the remodeling and the addition of a 108-ft. high elevator to house an electric hoist and a 14x14-ft. distributing house on the roof is estimated at \$10,000, according to G. A. Hurd, manager. The Hartung Const. Co. is contractor for the work. Forty-four wood bins, reinforced with steel rods and cable, are being constructed in the building.—F. E.

Delmont, S. D.—The Dakota Grain Co., with W. B. Doyle as manager, has purchased the buildings and business of the Carlson-Hanson Grain Co. The new owner will enlarge its local holdings and conduct the two business places. William Mokros will be second man.

Sitka (Glenham p. o.), S. D.—A 30,000-bu. elevator will be constructed by the Equity Union Exchange. Construction of the building was approved at the annual stockholders' meeting at which E. F. Sebert of Selby was elected director. Mgr. A. M. Hoven reported a profit of \$15,346.96 for last year.—F. E.

SOUTHEAST

Charleston, W. Va.—John W. Wilson, 61, sec'y-treas. of the Charleston Milling Co., died recently, of a hemorrhage resulting from a broken hip.

North Wilkesboro, N. C.—Fire of undetermined origin recently destroyed the plant of the Wilkes Milling Co. and its stock of wheat, corn, flour and feed. The building and plant were the property of W. H. H. Waugh. It is planned to rebuild the plant.

Charles Town, W. Va.—The Charles Town Grain & Feed Co. has leased the flour and grist mill owned and operated by T. Wilmer Clipp, on the Kabetown pike, Mr. Clipp retiring because of ill health. The personnel of the mill will remain unchanged under the new ownership.

TENNESSEE

Nashville, Tenn.—The Freeland Flour Co. is building an addition to its corn meal mill, the Hay Market Mill, which it recently purchased from the Royal Flour Co.

Newport, Tenn.—The City Milling Co. has been reorganized following the sale of three-fifths of its stock to Judson K. Shults, Ben H. Teague, Murray and Dave Stokely, Mrs. Emma Stokely and Mrs. Martha Stokely. Ben Teague was named sec'y-treas. and general manager of the new company and Judson K. Shults, president. The property consists of the local mill, one of the largest flour, feed and meal mills in this section, and a branch plant at Asheville.

TEXAS

Dallas, Tex.—The Bonno Feed Co. store was destroyed by fire July 20.

Coolidge, Tex.—The Bennett Trading Co. has discontinued business.

Dallas, Tex.—E. A. Gerard, formerly with the Russell-Miller Milling Co. at Buffalo, has been named manager of the Stanard-Tilton Milling Co., succeeding D. S. Donovan.

Littlefield, Tex.—R. L. Byers is constructing a modern grain warehouse at the location of his grain and feed business, present buildings to be razed. Upon completion of the building, a 30,000-bu. elevator will be built. Both will be rushed to completion in time to handle this year's small grain crop. Being located away from railroad trackage, the elevator will be serviced by trucks, and up-to-date machinery to facilitate truck loading will be installed. Frank Clements has the construction contract.

Plainview, Tex.—The Denver Alfalfa Milling & Products Co. is constructing an alfalfa processing plant, located so as to be easily accessible to trackage of both the Fort Worth & Denver and Santa Fe railways. The 2,000-ton capacity hay shed and the storage barn will be ready before the tentative date set for starting operation of the plant Sept. 1. The mill building will be 40x40 ft., two story, with 16x16 ft. grinding room and 12x12 ft. motor room, containing one 200-h.p. and a 60-h.p. motor. The 60x120 ft. warehouse will have a capacity for 1,000 tons of processed alfalfa. The plant is moved from Niwot, Colo. L. L. Leatherman will be manager.

[Continued to Inside Back Cover]



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Field Seeds

Kansas City, Mo.—Machinery for handling blue grass seed is being installed in the new plant of the Peppard Seed Co.

Winchester, Ky.—Sphar & Co. are building a seed warehouse, of concrete block construction with floor area of 50 x 80 ft.

Des Moines, Ia.—A place will soon be decided upon for the annual meeting of the Iowa Seed Dealers Ass'n, which is to be held Sept. 12.

Nogales, Ariz.—P. J. Bughman has bought the Nogales Seed & Feed Co., of A. W. Steensen, who will continue to operate his nursery.

Mt. Vernon, Ill.—The Midwest Seed Co. has been incorporated with \$50,000 capital stock, by C. M. Scott, E. K. Scott and J. R. Watts, Jr.

South Omaha, Neb.—A. P. Kilmartin, seedsman of Malvern, Ia., has removed to this place and established a wholesale and retail seed business.

Princeton, Ind.—The Princeton Farmers are completing a new two-story all steel seed house, which will contain an Eureka complete hybrid corn grading unit.

St. Louis, Mo.—The United States Seed Co. has leased a 5-story and basement double building at 310 Vine Street, containing 60,000 square feet of floor space.—P. J. P.

Albany, Ore.—Robert Irish, a graduate of the Oregon State College of Shedd, Ore., has been employed by the Chas. H. Lilly Co., of Seattle, Wash., to manage its branch plant here.

Salisbury, Md.—The Salisbury Seed & Feed Co. has been incorporated with 1,000 shares of stock of no par value, by J. Ralph Mace, Jr., J. Roland Johnson and J. Howard Phillips.

Twin Falls, Ida.—An additional building is being erected here for Northrup, King & Co., of Minneapolis, Minn. More machinery is being installed in their seed plant at St. Anthony, Idaho.

Windfall, Ind.—Mitchell Partnership will install in a new four-story seed house which is nearing completion, an Eureka complete hybrid corn grading unit for grading by thickness and width.

Austin, Tex.—Leo Aloysius Martin, operating Martin's Seed Store, has made an assignment to Horace C. Barnhart, trustee.

San Francisco, Cal.—The David B. Hill Seed Co. has removed to a larger building for its grass, flower and vegetable seed business.

Omaha, Neb.—The Henry Field Seed & Nursery Co. of Shenandoah, Ia., has purchased the Baldwin-Wycoff Nursery in Omaha, and will establish a drive-in market for a complete line of seeds.

Fresno, Cal.—The Germain Seed Co. has leased a building now under construction, giving it four times its present floor space. Machinery will be installed for cleaning seeds, a work hitherto done at the Los Angeles plant.

Nora Springs, Ia.—The Hofer Seed Co. has completed its 35,000-bu. elevator, a 24 x 24 ft. structure, 63 ft. high. A 16 x 46 scale-house has been constructed and a 10 x 36 ft. platform scale installed, with an overhead and movable truck hoist.

Clarksville, Tenn.—A new variety of alfalfa that will produce seed in this territory is believed to have been discovered by W. H. Jones, a farmer of Montgomery County. He began mowing the three acres for hay when he discovered the plants were heavy with seed. The county agent advised him to save the seed by combining.

Valier, Mont.—The Northern Montana Mustard Growers Co-operative is adding to its elevator a Eureka Cleaner and a distributor, doubling the size of the warehouse and building an office building across the street from the elevator. P. J. Anderson has resigned as president and will be full-time manager. At the recent annual meeting a dividend of \$11,000 was distributed in preferred stock.

Jerome, Idaho.—A western regional meeting of the International Crop Improvement Ass'n was held here July 17, 18 and 19. Among the speakers were E. A. Hollowell of the Department of Agriculture, R. D. Mercer of Montana and H. L. Spence of Idaho, on "Production of Midland and Cumberland Red Clover," "Grading and Packaging Red Clover," and "Advertising and Marketing of Certified Red Clover."

Dunkirk, N. Y.—The Federal Trade Commission has ordered David S. Wright, doing business as the Lake Shore Seed Co., to desist from representing, by means of statements appearing on, or attached to, the packages containing seeds that the germination percentage of such seed is greater than the actual germination percentage, or making such representation by means of letters, circulars or other advertising matter, or by any other means.

Fargo, N. D.—The last legislature amended the seed act of 1931 by raising the fee for purity analysis of grass seeds to \$1 from 50c. The classification of noxious weed was changed somewhat. Prohibited noxious weed seeds are the seeds of perennial weeds, which when established are highly destructive and difficult to control by ordinary good cultural practices, namely: leafy spurge, field bindweed or creeping jennie, perennial pepper grass or white top, and Russian knapweed. Lots offered for sale containing in excess of one of the above seeds in 90 grams must be labeled so as to show the content of such seeds.

Brookings, S. D.—N. O. Madsen of Brookings was elected pres. of the South Dakota Seed Dealers Ass'n at the annual convention here. R. C. Gage, Sioux Falls, was named vice pres., and Samuel H. Bober, Newell, re-elected sec'y-treas. An advisory committee composed of Elmer H. Sexauer of Brookings; Mr. Boder and J. Earl Gardner of Sioux Falls, was named to co-operate with the South Dakota State college in seed development. A tour of test field plots at State college here was one of the features of the convention.—F. E.

Holland, Mich.—The DePree Co. has been fined \$100 for misbranding its product "NO-SMUT," falsely stating that it contained but 73 per cent of inert ingredients. The product contained a greater percentage of inert ingredients, and consisted of formaldehyde and phenol. The government alleged the statements borne on the label, were false and misleading and tended to deceive and mislead purchasers, since the product would not act as an effective treatment for covered smut of barley, stink smut of wheat, and loose smut of oats when used as directed.

Albany, Ore.—The state A.A.A. office has announced that surpluses of hairy common and Willamette vetch and Australian field peas will be purchased by the A.A.A. at the following prices for top-grade seed, graduated downward in accordance with purity and germination: Hairy vetch, 7¼c; common vetch, 3c; Willamette vetch, 4½c; peas, 3c. He added that a 10-cent premium per 100 pounds will be paid for seed contained in cotton instead of burlap sacks, explaining that this means the A.A.A. is attempting to reduce the U. S. cotton surplus.—F. K. H.

Good Seed Oats Available in Iowa

J. L. Robinson, Iowa State College research agronomist, states that inspected fields will produce more than 350,000 bus. of Boone, Marion and Hancock oats.

The varieties were released by the Iowa Agricultural Experiment Station during the past 2 years to responsible growers throught the state who have maintained increase plots in an effort to supply farmers throughout the state with sufficient seed.

A total of 466 fields were surveyed by examiners and 139 of them corrected for such faults as nearness to barley fields, other varieties of oats, presence of weeds and other violations of production rules. Fifty-one of the fields had quack grass in them, 35 were infested with Canada thistle, 18 had horse nettle and 4 had creeping jenny in them. All of these were removed and the fields pronounced free of weeds. Thirty-four of the fields were rejected for certification because it was impossible for the growers to correct their faults.

Seed Movement in July

Receipts and shipments of seeds at the various markets during July, compared with July, 1940, in bushels, except where otherwise indicated, were:

| | FLAXSEED | | Shipments | |
|-----------------|----------|--------|-----------|---------|
| | Receipts | | 1941 | 1940 |
| Chicago | 123,000 | 4,000 | 53,000 | 7,000 |
| Duluth | 218,559 | 62,985 | 206,845 | 183,001 |
| Milwaukee | 7,150 | | | |
| Minneapolis | 722,400 | 42,000 | 161,000 | 37,800 |
| New Orleans | | 1,500 | | |
| Superior | 200,337 | 31,450 | 214,000 | 86,342 |
| KAFIR AND MILO | | | | |
| Ft. Worth | 120,000 | 58,500 | 117,000 | 73,500 |
| Hutchinson | 9,000 | 1,500 | | |
| Kansas City | 63,000 | 36,400 | 132,000 | 55,200 |
| St. Louis | 23,800 | 16,800 | 4,200 | 4,200 |
| Wichita | | | 6,500 | |
| CLOVER | | | | |
| Chicago, lbs. | 176,000 | 57,000 | 81,000 | |
| Milwaukee, lbs. | | | 25,595 | |
| TIMOTHY | | | | |
| Chicago, lbs. | 106,000 | 80,000 | 85,000 | 120,000 |
| Milwaukee, lbs. | 93,500 | | 14,625 | |
| CANE SEED | | | | |
| Kansas City | 1,400 | 1,400 | | |

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Grain & Feed Journals

Consolidated

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Chicago, Ill.

Getting Alfalfa to Set Seeds

Dr. J. C. Ireland of the Oklahoma Experiment Station sprayed alfalfa plants in July with three sprays a week apart so as to hit all the blooms as they opened. There was a heavy set of seed on all the sprayed plants, seed of high germination—while the unsprayed plants set no seeds. These plants were alfalfa hybrids which had set no seed in previous seasons, some as far back as ten years.

The spray employed is an hormone, a solution of naphthylacetamide in water, greatly diluted, costing 40 cents or less an acre.

The effective date for the revised soybean grades is coming closer with the approach to Sept. 1. More attention is given to moisture content and split beans; and dockage is new.

Imports of Seeds

Imports of agricultural seeds during June and for the 12 months ending June 30, compared with like periods a year earlier as reported by the U.S.D.A., have been as follows, in pounds:

| | June | | Twelve Months ending June 30 | |
|---------------------|---------|---------|------------------------------|------------|
| | 1941 | 1940 | 1941 | 1940 |
| Alfalfa | 16,500 | 600 | 1,522,700 | 3,376,400 |
| Barley | 100 | ..... | 209,600 | 202,600 |
| Bean, Mung..... | 521,400 | 145,000 | 3,397,700 | 383,500 |
| Bentgrass ..... | ..... | 9,300 | 16,600 | 155,000 |
| Bluegrass: | | | | |
| Annual ..... | ..... | ..... | ..... | 4,100 |
| Canada ..... | ..... | ..... | 45,800 | 25,500 |
| Kentucky ..... | ..... | ..... | 200 | ..... |
| Rough ..... | ..... | ..... | 1,600 | 857,300 |
| Wood ..... | ..... | ..... | ..... | 2,900 |
| Brome, smooth .. | 2,000 | 3,600 | 3,011,100 | 3,867,600 |
| Buckwheat | 200 | 900 | 200 | 900 |
| Chickpea ..... | ..... | ..... | 400 | ..... |
| Clover: | | | | |
| Alsike ..... | ..... | ..... | 200 | 440,500 |
| Crimson | 1,100 | ..... | ..... | 5,446,200 |
| Red | 100 | ..... | 1,000 | 137,800 |
| Subterra- | | | | |
| nean ..... | ..... | ..... | 17,700 | 900 |
| Suckling ..... | ..... | ..... | 16,400 | 34,700 |
| White | 24,600 | ..... | 81,000 | 751,900 |
| Corn, field.... | 200 | 3,700 | 2,600 | 61,900 |
| Cowpea ..... | ..... | ..... | 500 | ..... |
| Dogtail, crested .. | 2,200 | ..... | 5,800 | 14,500 |
| Fescue: | | | | |
| Chewings | 144,600 | 204,100 | 1,530,600 | 1,052,300 |
| Meadow ..... | ..... | ..... | 14,800 | 26,600 |
| Other | 800 | ..... | 10,400 | 135,400 |
| Flax | 55,000 | ..... | 1,000 | 55,600 |
| Grass: | | | | |
| Bahia | 1,000 | ..... | 79,700 | 44,100 |
| Bermuda ..... | ..... | ..... | 200 | ..... |
| Carpet ..... | ..... | ..... | ..... | 200 |
| Dallis | 54,900 | 3,800 | 313,400 | 106,400 |
| Guinea ..... | ..... | ..... | 38,500 | 60,000 |
| Molasses ..... | ..... | ..... | 42,900 | 88,800 |
| Orchard ..... | ..... | ..... | 1,000 | 287,800 |
| Rescue ..... | ..... | ..... | 37,200 | 2,400 |
| Rhodes | 19,700 | ..... | 114,000 | 91,800 |
| Velvet ..... | ..... | ..... | 2,100 | 7,400 |
| Kudzu | 1,100 | ..... | 5,200 | 9,300 |
| Lupine | 110,200 | ..... | 667,400 | ..... |
| Medick, black.... | ..... | ..... | 90,300 | 107,200 |
| Millet: | | | | |
| Foxtail | 1,200 | ..... | 41,800 | ..... |
| Japanese ..... | ..... | ..... | 10,300 | 801,100 |
| Mixtures: | | | | |
| Alfalfa and | | | | |
| alsike ..... | ..... | ..... | ..... | 15,900 |
| Alsike and | | | | |
| timothy ..... | ..... | ..... | ..... | 34,300 |
| Grass ..... | ..... | ..... | 44,200 | 75,400 |
| Suckling clover | | | | |
| and white | | | | |
| clover ..... | ..... | ..... | 900 | ..... |
| Sweetclover | | | | |
| and wheat- | | | | |
| grass ..... | ..... | ..... | ..... | 1,500 |
| Oat | 600 | 204,900 | 20,996,300 | 10,801,600 |
| Pea, field..... | ..... | 300 | 800 | 300 |
| Proso | 2,000 | ..... | 18,100 | 6,600 |
| Rape, winter.... | 120,000 | ..... | 299,000 | 5,401,100 |
| Rice ..... | ..... | ..... | 81,400 | ..... |
| Rye ..... | ..... | ..... | 83,900 | 6,700 |
| Ryegrass: | | | | |
| Italian ..... | ..... | ..... | 900 | 292,200 |
| Perennial | 5,600 | ..... | 293,600 | 661,200 |
| Sourclover ..... | ..... | ..... | ..... | 35,000 |
| Soybean ..... | ..... | ..... | 1,400 | 2,900 |
| Sweetclover ..... | ..... | ..... | 499,600 | 3,604,000 |
| Timothy ..... | ..... | ..... | 700 | 16,200 |
| Vetch: | | | | |
| Common ..... | ..... | ..... | ..... | 249,000 |
| Hairy | 66,600 | ..... | 27,000 | 2,751,500 |
| Purple ..... | ..... | ..... | ..... | 1,000 |
| Wheat | 700 | 3,300 | 295,200 | 287,700 |
| Wheatgrass: | | | | |
| Crested | 3,900 | 2,400 | 1,029,000 | 1,454,400 |
| Slender | 200 | ..... | 28,600 | 131,700 |
| Total | 905,100 | 833,300 | 35,032,000 | 44,470,800 |

Changes in Illinois Seed Law

The new Illinois Seed Law now in effect follows the Federal Seed Act and the proposed uniform seed law. Among the requirements are:

The percentage of germination must be given for each named agricultural seed. Under the old law germination on lawn grass mixtures was not required.

Germination tests shall have been completed within a nine months' period.

Leafy spurge (*Euphorbia esula*); Russian knapweed (*Centurea picris*) and Hoary cress (*Lepidium draba*) have been added to the list of primary noxious weeds. Primary noxious weeds are prohibited if present in excess of 1 seed in 50 grams, 1 in 150 grams and 1 in a pound depending on the size of the seed under consideration.

Any seed containing 2% of weeds is prohibited.

Seed containing secondary noxious weeds in greater quantities than 1 weed seed to 1,000 agricultural seeds is prohibited, smaller amounts, as under the old law, must be labeled. Heretofore 1 to 500 seeds were allowed in the larger seeds as cereals.

Origin is required on alfalfa, red clover and field corn (except hybrid), if origin is unknown it must be so stated.

Seed seized under the Act and found by a court of competent jurisdiction to be in violation of any of the provisions thereof may be disposed of in any of the following ways: (a) by sale for recleaning; (b) by delivery to the owner, after he has paid the court costs and any other expenses attached thereto, and has executed a bond to the Department of Agriculture; (c) by destruction.

A.A.A. Purchase of Rye Grass Seed

The offer of the A.A.A. to purchase ryegrass seed at \$3.60 per 100 lbs., is open to producers in Oregon complying with the program.

Seed purchased will be transferred by the C.C.C. to the A.A.A. to be offered to farmers in the southern and east central states in lieu of benefit payments.

Minnesota Seed Tag Sale Law

The "Seed Tag Sale Act" passed by the Minnesota State legislature in their last 1941 session went into effect Aug. 1.

This law provides for the purchase and use of the following described tags for all seeds handled except cereals and corn:

Yellow tags for seeds of alfalfa, sweet clover, red clover, alsike clover, white clover, lespedeza and other legume seeds of similar size, timothy, bromus, rye grass, orchard grass, red canary grass, blue grasses, fescues, red top, rape, bent grass, and wheat grass.

Green tags for flax, millets, proso, sorghum, kafir corn, milo maize, mangold, hemp, sudan grass, and vetches.

Brown tags for field and canning peas, navy and/or white beans, and sunflowers.

White tags for any and all mixtures of seeds in the foregoing groups when mixed in the proportion of 5% or more by weight.

Retail dealers in seed are required to attach one tag as above designated to each container described for "seed sold, offered, or exposed for sale." Dealers should order from the State Department of Agriculture, Dairy and Food, the necessary seed tags to cover their seed stock.

Protein tests of 16,668 cars of wheat received during July at Kansas City showed 13.35 per cent, against 12.85 per cent on 24,768 cars in July, 1940.

Washington News

Senator Thomas of Oklahoma has declared himself for 25-cent cotton and \$1.50 wheat.

It is rumored that the C.C.C. will make loans on flaxseed to growers complying with the A.A.A.

A bill authorizing the President to seize property for military or naval purposes when it cannot otherwise be obtained passed the House Aug. 5 by 241 to 136.

A grower referendum on wheat marketing quotas will be held next spring. This year's program will be continued in 1942 if two-thirds of those voting approve.

The Senate Aug. 6 passed the conference committee draft of the bill providing that government owned stocks of wheat and cotton cannot be sold while the European war is on.

Senator Lee of Oklahoma has obtained an amendment to the parity price bill removing the penalty of 49c per bushel on excess wheat, if the wheat is used as livestock feed or for the farmer's own use.

Complying with the law, the A.A.A. Aug. 6 announced that the penalty for marketing cotton in excess of quota would be 7 cents per pound, the loan being 14.02 cents. How the bureaucrats love the wheat and cotton growers.

Zinc amounting to 1,600 tons will be made available to makers of steel bins for farm wheat storage, according to O.P.M. and O.P.A.C.S. The civilian steel section of O.P.A.C.S. will determine on priority for 16,000 tons of steel.

Uniform loan rates on wheat and corn at all Missouri River points will be required of the C.C.C. under a bill, S. 1744, introduced by Senator Butler of Nebraska, the purpose being to eliminate a differential of $\frac{3}{4}$ cent per bushel between Kansas City and Omaha.

The international wheat conference, which has been meeting here since July 10, has recessed until Aug. 18. A provisional agreement has been drafted for submission to the governments. The countries represented are the United States, Canada, Argentina, Great Britain and Australia.

"I am against dictatorship and dictatorial methods, whether they be exercised by the governments of Italy, Russia, Germany, or if they be exercised by some particular class, group, or individual in America," said newly elected Senator W. Lee O'Daniel of Texas, in addressing the Senate.

Public hearings began Aug. 4 before the House Banking and Currency Committee on the emergency price control bill introduced Aug. 1. On agricultural products the ceilings may not be established at less than 110 per cent of parity; on all else the power of the President is unlimited to set prices higher or lower. One section authorizes the President to buy or sell any commodity at public or private sale, without regard to any provision of law. Provision is made for appeals by injured parties to a newly created Emergency Court of Appeals, and to the Supreme Court.

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F. B. Morrison

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Feedstuffs

Portland, Ore.—The alfalfa weevil quarantine on hay shipments will be discontinued Oct. 1, in all Oregon counties. The quarantine already has been lifted on some classes of hay.

Washington, D. C.—Import duties on hay from Canada were suspended July 29 by the President to relieve a shortage of hay and other feeds in the New England states. The duty of \$2.50 per ton is suspended until June, 1942.

Los Angeles, Cal.—Vitamin Technologists, Inc., is defendant in a suit brought by the University of Wisconsin Alumni Research Foundation for alleged infringement of the Steenbock patent on creating vitamin B by irradiation.

Ottawa, Ont.—Hon. J. G. Gardiner, minister of agriculture has expressed himself in favor of using the lower grades of wheat for dairy and stock feed instead of millfeed. The bran and shorts made by the mills can be exported to advantage to the United States to improve the exchange situation.

Des Moines, Ia.—Western Grain & Feed Ass'n held its annual feed men's field day Aug. 5 at the Des Moines Golf & Country Club. Members and their guests passed a delightful day in outdoor sports, swimming, golfing, horse shoe pitching, etc. Many prizes were awarded winners of various contests arranged for the occasion, donated by firm members of the ass'n.

The Federal Trade Commission has ordered the manufacturers of "Produlac" to cease misrepresenting their product. The Commission finds that the product is but one of a class of dried grain after-distillation remnants manufactured in whiskey distilleries as a by-product and sometimes referred to as "stillage" or "distillery slop," and that there is no scientific or other basis for the representations of the respondent that poultry rations are frequently inadequate or that poultry rations in general must be supplemented by the addition of the vitamin and nutritional factors represented as being contained in the product.

Illinois Sales Tax on Feed Suspended

The rules and regulations division of the Department of Finance, state of Illinois, announced at the conclusion of the hearing on the proposed regulation to collect sales tax on feed sold to farmers for feeding livestock, held July 21, in Springfield, that no attempt will be made to collect a sales tax on feeds until further notice, and if approved by the Attorney General, and ultimately put into effect, it will not be retroactive. So, dealers engaged in the retail sales of feeds are not subject to the sales tax on the sale of such feeds until further notice by the Finance Department.—W. E. Culbertson, Sec'y, Illinois Grain Dealers Ass'n, Delavan, Ill.

Feedstuffs Movement in July

Receipts and shipments of mill feedstuffs at the various markets in July, compared with July, 1940, in tons, were:

| | Receipts | | Shipments | |
|-------------------|----------|-------|-----------|--------|
| | 1941 | 1940 | 1941 | 1940 |
| Baltimore | 4,360 | 5,538 | ..... | ..... |
| Boston | 40 | 40 | ..... | ..... |
| Chicago | 14,046 | 9,242 | 59,634 | 45,571 |
| Kansas City ... | 7,850 | 4,125 | 27,225 | 19,950 |
| Milwaukee | 210 | 160 | 15,280 | 11,600 |
| Minneapolis ..... | ..... | ..... | 34,850 | 27,700 |
| Peoria | 19,320 | 7,340 | 22,400 | 14,280 |
| Wichita ..... | ..... | ..... | 5,802 | ..... |

Unfair Competition by Government in New England Feed Trade

The executive committee of the Eastern Federation of Feed Merchants held a meeting at Oneonta, N. Y., July 19, to consider the plan of the A.A.A. to have reserve supplies of feeds stored in farm bins in the northeastern states.

The grant of financing to the Grange League Federation Exchange while denying it to independent retail feed merchants was declared to be unfair. An advantage is given to farmers who trade with the G.L.F., while denying it to patrons of the independent feed dealers.

The executive committee has asked Federation members to contact their congressmen and acquaint them with their views on this new ever normal feed bin.

Feed Program at Amherst, Mass.

Feeds and feeding took up three days, July 30 to Aug. 1 of the Farm and Home Week at Massachusetts State College, Amherst, Mass.

Manufacturers of livestock and poultry feed and nearly 300 feed dealers took advantage of the course to get up-to-date on nutrition.

"Sound Credit Policies for Feedmen" were outlined by R. W. Irwin, of Boston.

Dr. Raymond T. Parkhurst, who had been active in making the program a success, delivered an address which will appear later.

"Manganese in Poultry Rations," was the topic of Marie S. Gutowski of Massachusetts State College.

C. R. Fellers told of "Crabscrap in Poultry Rations."

A visit was made to the Massachusetts State College poultry farm for demonstrations of feeding methods, this day's program being conducted by N. A. Hyland of Fitchburg.

Dr. P. H. Smith had as his topic "A New Massachusetts Feeding Law," suggesting changes that may be made in 1942.

The feedmen got acquainted at a luncheon at the Drake Hotel, Amherst, July 30; and in the evening enjoyed a banquet at the Wiggins Tavern in Northampton, where G. T. Klein was toastmaster, and Rev. John Nicol Mark, the humorist, was the principal speaker.

Scabby Barley Has Feed Value

M. W. Felton, assistant pathologist at the Nebraska Experiment Station, has seen many samples of new crop Nebraska barley having a blighted or discolored appearance.

Mr. Felton says, the blighted or discolored appearance may be caused by any one of several things. It may be some harmless mold which developed during moist periods. It may be spot blotch, which is a less serious type of blight. Or it may be scab. Scab is not easily identified by inspecting the kernels, because spot blotch or weathering give barley much the same appearance as scab. Either scab or spot blotch may cause shrunken, smaller-sized, light brown kernels.

Many of the farmers who have planned to feed their barley have been concerned because, as feed for hogs and horses, scabby barley is worth much less than clean barley. However, the feed value of scabby barley, for cattle, sheep, and poultry, is practically the same as the feed value of clean barley.

National Hay Ass'n Elects Bridge

The National Hay Ass'n, holding its 48th annual convention at the Anthony Hotel, Fort Wayne, Ind., July 28-29, heard prominent speakers discuss national problems and feed nutritional subjects, began arrangements for its Jubilee session in 1943.

The officers elected are George R. Bridge, Chicago, Ill., president; Hughes A. Desautels, New Bedford, Mass., first vice pres.; Mrs. Martha S. Calkins, Chelsea, Okla., second vice pres. Fred K. Sale, Indianapolis, was continued as sec'y-treasurer.

Directors elected for two years are Cliff S. Martin, Ashland, O. (retiring president); O. E. Hull, South Whitley, Ind.; J. C. Suttie, Kenmore, N. Y., and Arthur Calliari, Green Bay, Wis. Holdover directors are W. L. Vehrencamp, Mt. Jackson, Va.; Glenn L. Miller, Defiance, O.; O. F. Moeckel, Stockbridge, Mich.; Garth W. Woodward, Tocsin, Ind., and Stanley Penn, Lexington, Ky.

Resolutions adopted unanimously at the convention's business session expressed appreciation for the entertainment supplied by the Northeastern Indiana Hay & Grain Dealers Ass'n, and to the speakers and others who contributed to the success of the convention, and urged that the incoming president appoint a special com'te to arrange for "our 50th convention to be a Golden Jubilee Event." Another resolution protested congressional action as follows:

H. R. 2086

RESOLVED that we join the Northeastern Indiana Hay & Grain Dealers Ass'n in protesting the enactment of Bill H. R. 2086 introduced by Representative Hook, Jan. 13, 1941, the substance of this bill being as follows: That all hay and bedding containing live noxious weed seeds be treated and labelled before being offered for sale. The main reason for protesting the enactment of this bill (H. R. 2086) is that it will lead to promiscuous rejection of hay and straw all over the country. Further that this Bill in its present form would be extremely difficult to enforce fairly and adequately. Therefore, be it

RESOLVED that our secretary write the N. Y. State Grain & Hay Dealers Ass'n and all others interested to join in this protest.

Prominent speakers appeared on the program at each of the three sessions:

W. B. KRUECK, Fort Wayne, Ind., pointed out the benefits of ass'ns and conventions in "Why We Get Together."

W. M. SCHNEIDER, Indianapolis, state director of the federal wage-hour law, explained application of "Wage-Hour Regulations" to hay and feed dealers.

J. W. Page, Boston, Mass., chairman of the ass'n's statistical com'te, reviewed hay crop conditions.

H. L. ROGERS, Chicago, Ill., said farmers have investments in his address on "The Farmer as a Capitalist."

G. M. JACKSON, of the Interstate Commerce Commission, Washington, D. C., in "The I.C.C. Program Concerning Car Detention," pleaded for cooperation from hay shippers in prompt loading and unloading of box cars.

LYMAN PECK, Fort Wayne, Ind., explained the nutritional value of soybean meal, in "A Chinese Immigrant."

W. C. DUESLER, Indianapolis, Ind., told of several advantages in the pick-up method of harvesting hay.

THE ANNUAL BANQUET was held Monday evening in the hotel's Chatterbox room. It was featured by an absorbing address on "Fighting the Fifth Column," by Dr. J. Raymond Schutz, of Indianapolis.

The group within a group, termed the "Former Presidents Ass'n," held its annual dinner the night before the convention opened, with Lester A. Lusher, Toledo, O., presiding, and J. C. Suttie, Kenmore, N. Y., serving as toastmaster.

A large number of ladies were in attendance.

A luncheon and theatre party was arranged for them, in addition to the regular convention entertainment features.

REGISTRATION was in charge of the Grain Dealers Mutual Fire Insurance Co. representatives, which supplied the badges, and the Fort Wayne Chamber of Commerce.

Determination of Carotene in Plant Material

An improved method for the determination of carotene in stored hay, silage, and other plant material and feces is reported by L. A. Moore in the Journal of Dairy Science.

Dicalcium phosphate is used to adsorb non-carotene pigments from the petroleum ether extract used in the Willstatter-Stoll method for carotene determination. Dicalcium phosphate was found to be an adsorbent which would remove the non-carotene pigments, its use required

no special precautions nor did it change on standing in the laboratory.

The method consists essentially of extraction with alcohol, extraction of the alcoholic extract with petroleum ether, removal of alcohol from the petroleum ether, and passing the extract thru a Tswett column of dicalcium phosphate. The value obtained is probably for pure carotene. The results indicate that the Willstatter-Stoll method or its modifications for the determination of carotene are not accurate for plant material which has been subjected to storage or to the action of the digestive tract.

Washington, D. C.—The House on July 21 approved a bill permitting wheat growers to sell their normal production without penalty. Under the measure, wheat grown on acreage planted in excess of government quotas could be used to make up normal production if a bad crop year caused a short crop.



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J. B. Sedberry Co., 2608 So. Wells St., Chicago, Ill.—A. E. Thompson Co., 718 Washington Ave. N., Minneapolis, Minn.—T. G. Holland, 429 Kathmere Rd., Brookline, Del. Co., Pa.—Jay Bee of Texas, 705 Ross Ave., Dallas, Texas—Jay Bee Sales Co., 395 Broadway, New York—Jackson, Tenn.—Moultrie, Ga.—P. O. Box 853, Winston-Salem, N. C.—436 Starks Bldg., Louisville, Kentucky—The Lamiell Co., Greenwich, Ohio.

Poultry Feeds and Feeding

Kansas City, Mo.—Nearly 6,000 registered at the 25th annual convention of the International Baby Chick Ass'n, July 22-25. Officers elected for the ensuing year are: pres., Fred Cockell, Milwaukie, Ore.; vice pres., J. Turner Mills, McNabb, Ill.; E. E. Boyd, Stafford, Kan.; sec'y-treas., D. D. Slade, Lexington, Ky., and executive sec'y, Reese V. Hicks, Kansas City.

Value of Protein Supplements for Poultry

Washington Station Bulletin 388 evaluates 47 different samples of protein supplements as follows, employing the previously described method for determining the gross value (Ex. Sta. Rec. 82, p. 377): 6 herring fish meals, average 101; 5 pilchard fish meals, 96; 2 sardine fish meals, 95; 9 salmon fish meals, 86; 7 meat meals, 55; 2 Manchurian soybean oil meals, 78; 4 domestic soybean oil meals, 76; 7 dried Alaska peas, average, 61; and 1 dried skim milk, 87; dried buttermilk, 92; liver meal, 59; dehydrated alfalfa, 37; and copra meal, 22.

The source of fish meal appeared to have more influence on the gross value than the method of manufacture. Combinations of herring or salmon fish meal with Alaska peas had gross values similar to the fish meal alone, and mixtures of equal parts of the fish meal and peas gave as high as or higher gross values than higher percentages of the fish meal.

Feed Registrations

By DR. JOHN B. SMITH, pres., Ass'n of Feed Control Officials, before American Feed Mfrs. Ass'n

In registrations, I am torn between my long and friendly associations with protein, fat and fiber, and the suspicion that these old friends do not tell the truth, at least not the whole truth, and that an honest list of ingredients may be the thing. I think that if there were a way to measure the actual percentages of ingredients in rations, I should woo the open formula, as a less complex measure of honesty and value in feeds, than even a reasonably complete enumeration of the chemical components.

Since such measurements are impracticable, I am in favor of an honest listing of ingredients, written in English for all to read and understand, using common words descriptive of each ingredient, and not the mysterious and euphonious titles dear to the hearts of a very versatile group of sales managers and copy writers.

Realizing that more than one common word or group of words may be applicable, the Association of Control Officials print a list of terms and definitions each year which are legal in all states, and which are adopted after thought and much argumentation, to avoid confusion. Furthermore, I think that the ingredients listed should be present in the amounts needed to accomplish a feeding purpose.

While we must agree that a variety of ingredients is the best safeguard against nutritional deficiencies, I am not sure that every formula is truly benefited by a little dab of a shot-gun mixture of 57 varieties of condiments, medicinals and other optimistic inclusions, that cannot be adequately verified by routine control methods. It would seem a safe procedure to limit such supplements to needs that have been widely demonstrated, and generally accepted.

I do not consider a registration an immutable and final act at any time, and especially during periods of uncertain rates of supply and changing prices, I believe that the registration officer must accept the substitutions necessary to keep feeds moving. The mixer must co-operate by supplying information to keep registration files up to date. Printed forms are tools of convenience, not individual works of art, and irritation and friction can be avoided by making these uniform for all states.

Vitamin D-3 Requirement of Pullet Chicks

M. D. Wright made a comparison of feeding chicks on diets containing 1% of the war-time controlled cod-liver oil mixture, which contains 56 British Standards Institution (B.S.) units per gram of vitamin D-3 or the same level of genuine cod-liver oil which contains 156 units per gram. Calcification on 1% of controlled cod-liver oil was less satisfactory than on 1% of genuine cod-liver oil. Growth rates were not significantly different. Severe rickets arose on 19 B.S.I. units per 100 grams total diet. Vitamin D-3 requirement for optimal calcification appeared to be close to 100 B.S.I. units per 100 grams total diet.

Feeding Wheat Germ Oil

C. E. Holmes and W. W. Cravens of the University of Wisconsin report that in trials involving both White Leghorn and Barred Plymouth Rock hens, the addition of cold-pressed wheat-germ oil at the rate of 0.5 cc. per bird daily to a well-balanced basal ration had no beneficial effect on egg production or fertility and hatchability of the eggs. It did not reduce embryonic mortality or improve the viability of the chicks hatched.

In trials with growing White Leghorn chicks the addition of 0.1 per cent of wheat-germ oil to the ration did not significantly affect growth, mortality, age to sexual maturity, or subsequent egg production.

Charcoal May Be Harmful

By HARRY W. TITUS, Buro of Animal Industry

Charcoal is commonly added to feed mixtures for poultry in the belief that it has beneficial effects. In defense of its use it has been claimed that it adsorbs undesirable substances from the digestive tract. It is true that some charcoals have a remarkable power to adsorb certain gases and pigments—and other substances as well—but on the other hand some charcoals are relatively inert.

A few months ago H. J. Almquist and D. Zander, of the University of California, reported that some charcoals when included in a mixed feed, have the power to adsorb, and thus destroy or inactivate, some of the riboflavin, vitamin A, vitamin K, and some of the gizzard factor that is present.

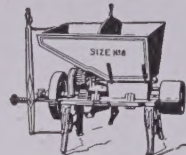
The experiments of Almquist and Zander demonstrated that the addition of charcoal to diets for poultry is a highly questionable practice. If the charcoal is inactive, it acts as a diluent but has no other effect; if it has the power to adsorb, it destroys or inactivates at least a portion of some of the vitamins.

Canadian mills ground 4,776,688 bus. wheat in June, against 2,599,779 bus. in June, 1940, as reported July 31 by the Dominion Buro of Statistics.

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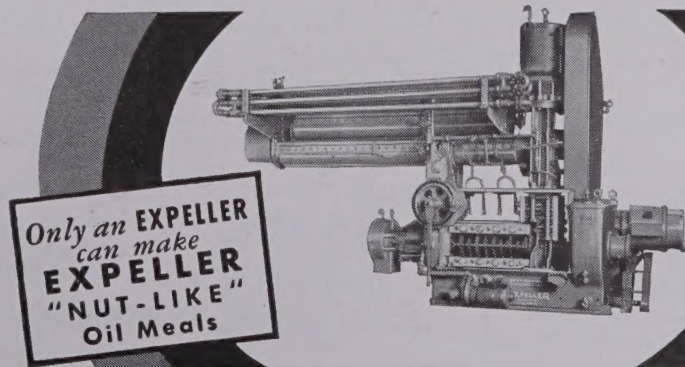
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Fat in Dairy Ration

By W. E. KRAUSS, dairy department Ohio Exp. Sta., before American Feed Manufacturers Ass'n

For a long time fat in the dairy ration was looked upon only as a source of energy.

Feeding standards considered only digestible protein and energy and the relationship between them as the important things in dairy cattle feeding. The caloric value of fat was recognized, for in calculating total digestible nutrients or nutritive ratio the amount of fat was multiplied by 2 1/4.

It was once commonly believed that the fat in an animal's body or in the milk secreted came directly from the fat in the food eaten. Later, as experimental techniques improved, it was realized that body fats result from chemical transformations involving not only food fat, but food carbohydrate and protein. It remained for Jordan and co-workers at the New York (Geneva) Experiment Station to prove, using one Jersey cow, that milk fat could be produced on a ration that had been made almost fat-free by extraction. Not only the grain but the hay was extracted, for this experiment, and it was possible, with fairly generous feeding, to restrict the fat intake to 0.13 of a pound daily. Over a 95-day period this cow produced 62.9 pounds of fat but had consumed only 11.6 pounds of fat, of which only 5.7 pounds were digested. Therefore at least 57.2 pounds of the milk fat produced must have come from some source other than the food fat. It did not come from body fat because the cow gained in weight. Had the technique of Gage and Fish been known then these results would not have seemed so startling. Sudan III, a dye that is not removed from fatty acids by the hydrolysis and saponification that occur in digestion and serves to identify fatty acids after absorption, does not appear in cow's milk after feeding fat stained with it. Ordinarily fat so stained appears in the usual fat depots, in the milk secreted by certain species, and in hen's eggs.

Little attention was paid in Jordan's experiment to milk production, but an examination of the records shows that immediately following the shift from the normal ration containing 2.9% fat (3.9% in the grain) to the extracted ration containing 0.6% fat (0.5% in the grain) milk production dropped 16 per cent and stayed down as the experiment progressed. The ration used was probably deficient in vitamin A because it consisted of chopped timothy hay, 10 lbs., corn meal, 6 lb., ground oats, 5 lb., and wheat gluten, 1 lb., and was extracted. This work was published in 1897 and was followed in 1901 by another bulletin substantiating the previous work on source of milk fat but stating that "there is nothing in these data to warrant the conclusion that supplying more or less fat to a milch cow causes material changes in the milk."

It is interesting to note that some 30 years following this work at the New York (Geneva) Station the same technique should be employed by Maynard and co-workers at the New York (Cornell) Station to establish the fact that the amount of petroleum ether extractable material in the grain mixture of dairy cows is in some way related to milk production. Altho at first referred to as fat, this petroleum ether-soluble fraction of feeds is known to contain other materials besides true fat. It is questionable, therefore, if the amount of fat *per se* is the limiting factor. Until this point is cleared up, however, the term fat will probably be used for convenience.

Meanwhile other discoveries were being made that attached additional importance to fat. The discovery of the vitamins and the subsequent finding that the fat-soluble factors A, D, and possibly K, are essential for milk production makes it necessary to consider the adequacy of these factors in any ration that is being measured for milk-producing qualities. Some work has shown that when the fat content of the diet is too low the requirement for vitamin B is

increased. To an animal with a paunch this may be of little significance, since it has been shown that a cow can synthesize thiamin, riboflavin, pyridoxine and pantothenic acid. Of questionable significance, too, is the essentiality of certain unsaturated fatty acids, like linoleic and linolenic, which have been shown to be required for normal nutrition of the rat.

The amount of fat in the dairy ration must be considered, too, in relation to acetonemia or ketosis. This disease, characterized by excessive amounts of acetone, diacetic acid and beta hydroxy butyric acid in the blood and urine, is related to fat metabolism. Failure to metabolize fat completely is considered to be due to an insufficient quantity of carbohydrate in the body in proportion to the fat present. It might be expected, therefore, that a deficiency of carbohydrate in the ration or a surplus of fat would tend to induce acetonemia.

It must further be established that the palatability of the ration will not be adversely affected by the kind or amount of fat fed, that the quality of the product will not be impaired, and that the cost will be justified. With the fat market as it is today it would seem as though the economic aspects of fat levels would be of prime importance.

Instead of looking upon fat only as a source of energy, as at first, consideration must be given to the factors listed in the following scheme:

| | |
|----------|------------------------------------|
| | T.D.N. |
| Energy | Therms |
| | Fat-Soluble Vitamins—A, D, E, K. |
| | Vitamin B-sparing action |
| Fat..... | Essential unsaturated fatty acids— |
| | Linoleic, linolenic, etc. |
| | Milk secretion stimulant (?) |
| | Palatability |
| | Effect on product |
| | Cost |

In conducting experiments with fat levels for dairy grain mixtures, therefore, it would seem to be necessary to provide the essential factors in ample amounts regardless of the fat levels used. Ordinarily the roughages used, hay or hay and silage, can be relied upon to do this.

Over a period of a dozen years Maynard and associates, in carefully controlled experiments, have uniformly been able to demonstrate a difference in milk-producing ability of rations in which the grain mixtures have differed in fat percentage and in which the roughage was constant. This difference has averaged about 1 pound of fat-corrected milk per day in favor of the high-fat rations. Based on this work, Maynard has arbitrarily adopted a 4 per cent fat level as a desirable minimum for grain mixtures for producing cows. This level, according to Maynard's own words "is by no means sacred." To me that means that fat level minimum of 4 per cent was not intended to be fixed but flexible, depending upon circumstances and what future knowledge revealed.

This work of the Cornell group, together with the discovery that vitamins A, D, E, and K are carried in the fat, and that certain unsaturated fatty acids are essential for normal nutrition, has attracted the interest of feed manufacturers and research workers alike. As a result there has been a tendency for feed manufacturers to peg up the fat content of dairy feeds and for experiments to be inaugurated at other institutions to determine not only the fundamental need for fat but to measure the effect

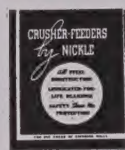
of fat level differences in practical farm rations. Two institutions aside from Cornell have been conducting research of this type — Michigan State College and the Ohio Experiment Station.

Total expenditures of the A.A.A. during the 12 months prior to July 1 were \$734,336,096.84.

Trading has started in May delivery beans at Chicago. No trades were made in the March delivery, and in response to a petition, directors of the Board of Trade decided that May trade should be started now.—Fred A. Record.

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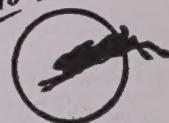
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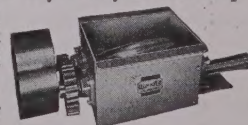
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Grain and Feed Trade News

[Concluded from page 124]

UTAH

Ogden, Utah.—The Farmers Grain Co-operative re-elected as officers at its recent annual meeting, W. C. McGregor, of Cleveland, Ida., pres.; William A. Schulbery, Preston, Ida., vice-pres.; Elwood Williams, general manager and sec'y. Progress on construction of its 500,000-bu. terminal elevator was reported and an inspection tour of the \$165,000 elevator was made. More than 3,500,000 bus. of wheat were marketed in the past year by the co-operative, Sec'y Williams reported.

Beaver, Utah.—Wheat growers of four southern Utah counties met here July 19 with Senator Abe Murdock to protest against the 49c per bushel penalty on wheat grown in excess of the A.A.A.'s quotas, and plead their case for some relief from the penalty. A number of Utah A.A.A. officials were present at the meeting. Senator Murdock requested a state survey be made to determine the percentage of the entire crop represented by non quota wheat, and advised that if the non quota wheat does not represent enough to interfere greatly with the marketing program, he will attempt to get some relief from the penalties for the farmers involved.

WISCONSIN

Plymouth, Wis.—Edward G. Brazelton, 80, retired feed dealer, died July 9.—H. C. B.

Cleghorn (Eleva p. o.), Wis.—Emil William King, 77, for 30 years in charge of the local elevator for the R. E. Jones Co. of Foster, died unexpectedly on July 21.

Prairie Du Sac, Wis.—The Von Wald & Elsing Feed Mill recently installed a new Kelley Duplex Feed Mixer and will do all kinds of custom feed mixing.

Fennimore, Wis.—The Fennimore Farmers Warehouse Co. sustained a small loss when recent high winds damaged its building.

Milwaukee, Wis.—The rate of interest for the month of August has been determined by the Finance Com'te of the Milwaukee Grain & Stock Exchange at 5 per cent.

Cambria, Wis.—The four-story 93-year-old grain mill, oldest building in the village, was destroyed by fire of unknown origin early Aug. 2. The structure had not been used as a mill for the last 10 years.

Waukau, Wis.—Edward Westover, 82, senior member of the Westover & Sons Milling Co., died July 27 at his home at Omro. Two sons, Charles and Leon, are associated with the flour and feed business.—H. C. B.

Manitowoc, Wis.—Government storage corn, eventually destined for Great Britain, is continuing to move out of Manitowoc. The fourth cargo of corn taken from Elevator B of the Norris Grain Co. left July 21.—H. C. B.

WYOMING

Torrington, Wyo.—Floyd Kelly is building a 20,000-bu. grain elevator on his farm southwest of here. It will have a pit 20 ft. deep and will be equipped with up-to-date machinery.

Army Horse and Mule Rations

The Quartermaster General at Washington has announced that some changes will be made in specifications as to deliveries of grain and hay purchases by station quartermasters. Losses have occurred because of acceptance of deliveries in excess of quantities that can be adequately handled by Depot storage facilities. In the future, delivery dates will be so arranged as to keep quantities on hand within the capacity of post storages without incurring a shortage, and at the same time affording suppliers greater leeway in effecting deliveries.

Feed Prices

The following table shows the closing bid price each week for October futures of standard bran and gray shorts, cottonseed meal and soybean meal in dollars per ton, and No. 2 yellow corn-bean meal, and spot No. 1 fine ground alfalfa and No. 2 yellow soybeans in cents per bushel:

| | Minneapolis | | Kansas City | |
|--------------|-------------|------------|-------------|--------|
| | Bran | Spot Midds | Bran | Shorts |
| May 31..... | 18.50 | 19.50 | 17.25 | 20.70 |
| June 7..... | 19.00 | 20.00 | 18.65 | 22.00 |
| June 14..... | 20.50 | 22.50 | 19.50 | 22.50 |
| June 21..... | 21.00 | 25.00 | 19.85 | 23.25 |
| June 28..... | 23.00 | 27.50 | 20.50 | 24.40 |
| July 5..... | 22.00 | 26.50 | 20.40 | 23.65 |
| July 12..... | 23.50 | 29.00 | 22.50 | 26.25 |
| July 19..... | 24.00 | 29.00 | 21.75 | 24.95 |
| July 26..... | 23.50 | 25.00 | 22.30 | 25.45 |
| Aug. 2..... | 24.00 | 25.00 | 23.20 | 25.75 |
| Aug. 9..... | 25.00 | 25.50 | 24.15 | 26.55 |

| | St. Louis* | | Chicago Soy-beans | †Memphis Soy-meal |
|--------------|------------|--------|-------------------|-------------------|
| | Bran | Shorts | | |
| May 31..... | 20.50 | 22.70 | 133½ | 23.80 |
| June 7..... | 21.90 | 24.10 | 133½ | 24.35 |
| June 14..... | 22.60 | 24.75 | 138 | 24.90 |
| June 21..... | 22.90 | 25.40 | 144 | 27.40 |
| June 28..... | 23.75 | 26.10 | 147½ | 27.10 |
| July 5..... | 23.65 | 26.00 | 146 | 28.20 |
| July 12..... | 25.50 | 27.65 | 151 | 28.90 |
| July 19..... | 25.00 | 27.10 | 153½ | 28.90 |
| July 26..... | 25.40 | 27.50 | 148½ | 29.50 |
| Aug. 2..... | 26.40 | 27.75 | 151 | 28.75 |
| Aug. 9..... | 27.25 | 28.75 | 156½ | 31.10 |

| | Cottonseed Meal | | Kansas City Alfalfa | Chicago Corn |
|--------------|-----------------|---------|---------------------|--------------|
| | Ft. Worth | Memphis | | |
| May 31..... | 31.00 | 25.95 | 19.70 | 74½ |
| June 7..... | 32.00 | 26.15 | 19.20 | 74½ |
| June 14..... | 32.00 | 27.00 | 20.20 | 74 |
| June 21..... | 32.00 | 29.85 | 20.20 | 74½ |
| June 28..... | 35.00 | 30.00 | 21.20 | 74½ |
| July 5..... | 35.00 | 30.50 | 21.70 | 74½ |
| July 12..... | 36.00 | 31.70 | 21.70 | 74½ |
| July 19..... | 38.00 | 31.50 | 21.70 | 73½ |
| July 26..... | 38.00 | 32.85 | 21.70 | 74 |
| Aug. 2..... | 39.00 | 32.50 | 22.20 | 75½ |
| Aug. 9..... | 39.00 | 34.65 | 22.20 | 75½ |

*St. Louis bran basis Chicago delivery; shorts St. Louis delivery. †Decatur, Ill., delivery.



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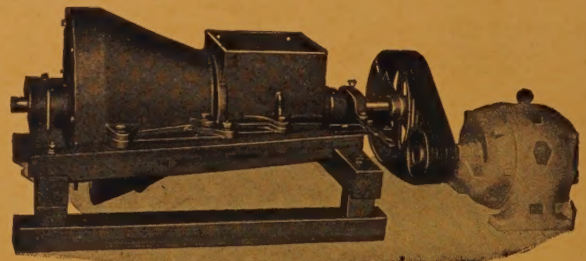
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